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NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTH PLAINS (REGION 4)

Fish and Wildlife Service

In Cooperation with the National and Regional Interagency Review Panels

U.S. Department of the Interior

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Biological Report 88 (26.4)
May 1988
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NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: NORTH PLAINS (REGION 4)

by

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for

National Wetlands Inventory
U.S. Fish and Wildlife Service

In cooperation with the National and Regional Interagency Review Panels:

U.S. Fish and Wildlife Service
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Soil Conservation Service

U.S. Department of the Interior
Fish and Wildlife Service
Research and Development
Washington, DC 20240

DEDICATION

The National List of Plant Species That Occur in Wetlands is respectfully dedicated to Neil Hotchkiss and Francis M. Uhler, who made this work possible by their contributions to wetland botany and ecology. These two scientists focused their long and productive careers on the study of wetlands long before our current emphasis on wetland systems began. They aided in producing the Fish and Wildlife Service's first wetland classification system, developed initial lists and guidebooks to the wetland plants of the United States, and produced many studies on the ecology and management of wetlands and their value to wildlife. It is my sincere pleasure and humble gratitude to acknowledge the dependence of this current work on their long and untiring efforts.

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ACKNOWLEDGMENTS

The National List of Plant Species That Occur in Wetlands (hereafter referred to as the National List) is the result of the collective efforts of a large number of dedicated biologists. Special recognition and thanks are extended to the many people who contributed to the successful completion of this project. The National Wetlands Inventory, especially John Montanari and William Wilen, provided the funding and administrative support necessary for the development of the National List and coordination of the review effort.

The other Federal agencies, especially William Sipple, John Meagher, and Dave Davis of the Environmental Protection Agency, Robert Pierce, Richard Macomber, and Dana Sanders of the Corps of Engineers, and Billy Teels and Carl Thomas of the Soil Conservation Service, provided much needed funding to aid development of the Annotated National Wetland Plant Species Data Base and technical support through their agency biologists' participation in the review effort.

Special recognition and appreciation is extended to Lewis Cowardin who conceived the need for the National List, supervised the compilation of the initial draft list, and provided invaluable advice and direction during the initial phase of the project.

The contribution of the authors of the almost 300 regional and State floras and regional wetland manuals used in compiling the Annotated National Wetland Plant Species Data Base is gratefully acknowledged.

The development of the National List was greatly facilitated by the dedicated staff who contributed over 50 person years to compile the Annotated National Wetland Plant Species Data Base. This data base provided a solid information base from which the National List was derived. This staff included Karen E. Amidei, James G. Armstrong, Sheryl A. Brenner, Steven I. Candileri, Mark A. Charneski, Diana Fry, Thomas B. Gunter, Lillian A. Gustafson, Iris A. Kendall, Mary E. Klee, Annie L. Kosvanec, David R. Lindsey, Stephen Mortellaro, Kent A. Moyer, Laura E. Pittman, Donald R. Richardson, Richard N. Rowse, Angela F. Salem, Deana Ulmer, Sheri A. Ulrich, Sandra M. Upchurch, Diane Wallace, Debora L. Wegner, August M. Wooten and Kevin R. Youngberg. This landmark effort to collect much of the taxonomic and ecological information about wetland plants into a textual computer data base was a protracted and extremely tedious task. It was truly a pleasure to work with such a productive and conscientious group.

A special debt is owed to the regional ecologists who so generously gave of their time and experience in reviewing the lists. Their review helped to refine the information presented in the botanical manuals and in many cases provided the only and often best description of the ecology of many plant species. The

National List would not be as accurate and complete if it were not for the enormous amount of review so generously provided by the regional reviewers. State distributions and common names provided by John Kartesz from unpublished data bases allowed the production of accurate State lists and common name assignments for almost all species. The high quality and completeness of the National List is in large part due to the data provided by John Kartesz from the Biota of North America Program.

The composition and pleasing format of the lists is largely due to the computer skills of Jill Muhlenbruck and Gregor Auble of the National Ecology Research Center.

The contributions of the many National and regional review panel members is gratefully acknowledged. These biologists represented their agencies in a technically competent and thoroughly professional manner. The strength of the Regional lists and Indicator assignments is largely due to the diverse background of the review panel members and a firm desire by all to make the process work. The unswerving resolve and determination displayed by all the review panels to complete each phase of the task during the marathon regional review panel meetings was truly inspiring. Well over 200 weeks of staff time was contributed by the review panel members.

It has been a pleasure to coordinate this effort and to work so closely with so many dedicated and professional biologists. The credit and recognition for the completion of this task applies equally to all who contributed so much. As compiler, I must necessarily take the responsibility for any transcription errors which may have occurred during the production of this report. The extensive use of the National List has made the entire effort professionally satisfying for all who have contributed.

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INTRODUCTION

The National List of Plant Species That Occur in Wetlands (hereafter referred to as the National List) represents the combined efforts of many biologists over the last decade to define the wetland flora of the United States. The National List has undergone a number of revisions based on intensive review by regional ecologists. National, regional, and State lists are being distributed to provide users with the most current information. We welcome and encourage modification and improvement of the National List. Refinement of the National List will occur continually, reflecting increased knowledge in Indicator assignments, taxonomy, and geographic distribution. We anticipate that further refinement of the National List will lead to additional infra-specific and subregional Indicator assignments. Review documents and procedures are included with the National List to aid and encourage additional review (Appendix A). The U.S. Fish and Wildlife Service initially developed the National List in order to provide an appendix to the Classification of Wetlands and Deepwater Habitats of the United States (Cowardin et al. 1979) to assist in the field identification of wetlands. Plant species that occur in wetlands as used in the National List are defined as species that have demonstrated an ability (presumably because of morphological and/or physiological adaptations and/or reproductive strategies) to achieve maturity and reproduce in an environment where all or portions of the soil within the root zone become, periodically or continuously, saturated or inundated during the growing season (adapted from Huffman 1981). The development of the National List changed significantly when a cooperative review effort was established by the major Federal agencies involved in wetland identification and management. The utility of the National List goes far beyond a simple catalog of wetland plants. The Fish and Wildlife Service, in cooperation with North Carolina State University, has produced a weighted average procedure for using the wetland Indicator assignments of individual species to assist in determining the probability that a community is a wetland (Wentworth and Johnson 1986). This procedure is used by the Soil Conservation Service to aid in the determination of wetlands included under the conservation provisions of the Food Security Act of 1985. The Fish and Wildlife Service, Army Corps of Engineers, Environmental Protection Agency, and Soil Conservation Service use the National List to aid in identifying wetlands falling under their various wetland program responsibilities. Wetland identification manuals which incorporate the National List have recently been produced by the Corps of Engineers (Environmental Laboratory 1987) and the U.S. Environmental Protection Agency (Sipple 1988).

DEVELOPMENT OF CURRENT LIST

The Fish and Wildlife Service recognized that accessory lists of hydrophytes (plant species that occur in wetlands) and hydric soils would need to be developed to apply the wetland classification system accurately and consistently in the field. The scientific names of the plant species included in the major wetland plant lists and manuals were collected and merged into a single computerized list with those species on the National List of Scientific Plant Names (U.S. Department of Agriculture 1971) that had emergent, floating, or submergent life forms. This initial list of 1,626 species, completed in March 1976, was obviously incomplete, and was especially deficient in plant species from the western United States and the Alaska, Caribbean, and Hawaii regions. Dr. Donovan Correll, Fairchild Tropical Garden, Miami, Florida, reviewed this initial list in 1977 and suggested many additional species for inclusion. Dr. Correll's additions were combined with the initial list, and a draft list of 4,235 species was developed in 1977. This draft list, although plagued by problems of plant nomenclature and synonymy, was remarkably complete, considering the small amount of time which had been spent on its development.

Review and refinement of this draft list has continued since 1977. Initial tasks were to maintain and improve computer storage and retrieval of the draft list information, align the listed species with a national taxonomic treatment, and subdivide the species according to their fidelity to wetlands. The importance of the development of an accurate National List of Plant Species That Occur in Wetlands to the Federal community and the need to substantiate the occurrence of these plant species in wetlands from the botanical literature led the Fish and Wildlife Service to begin development of the Annotated National Wetland Plant Species Data Base. This textual data base documents the taxonomy, distribution, and ecology of each species based on a synthesis of almost 300 National and regional wetland plant and botanical manuals representing the major State and regional floras. Computer storage of the Annotated National Wetland Plant Species Data Base allowed for the efficient maintenance of the initial National List and creation of early draft regional subdivisions of the National List. Data collection for the Annotated National Wetland Plant Species Data Base for all plant species was completed in 1987, but incorporation of this information into a single data base on the National Wetlands Inventory minicomputer remains to be accomplished. The species data base is presently stored on a microcomputer. Information on the data base and preliminary species listings or data reports from the Annotated National Wetland Plant Species Data Base can be obtained from the National Wetlands Inventory, St. Petersburg, Florida.

The Soil Conservation Service, through a contract to the Smithsonian Institution, produced a revised National List of Scientific Plant Names in 1982 (U.S. Department of Agriculture 1982.) This national treatment provided a standard nomenclature for the National List of Plant Species That Occur in Wetlands,

supplied a listing of synonyms linked to the accepted names, and updated the regional distribution of each species. The Soil Conservation Service list was selected as the taxonomic standard in order to facilitate the eventual correlation of the National List of Plant Species That Occur in Wetlands with the Hydric Soils of the United States (U.S. Department of Agriculture 1987). Copies of the National List of Scientific Plant Names (1982) are available from the State offices of the Soil Conservation Service.

A wetland fidelity rating system was created during the initial development of the Annotated National Wetland Plant Species Data Base. Early coding of verbatim habitat from the botanical manuals for a wide variety of plant species indicated that an obvious separation of obligate (restricted to wetlands) and facultative (not restricted to wetlands) species could be made. Further refinement led to subdivision of the facultative category into three subcategories, with a range of percent occurrences in wetland versus nonwetland applied to each subcategory to enhance user understanding and consistent application.

The ecological information obtained from the botanical manuals during data collection for the development of the Annotated National Wetland Plant Species Data Base led to the identification and addition to the National List of many additional species for which at least one manual reported the species occurring in an obvious wetland site. The National List had increased as a result of this process to 5,244 species in 1982, 6,042 species in 1986, and presently is composed of 6,728 plant species.

REVIEW PANELS AND REVIEW PROCESS

The desire of the Federal agencies involved in wetland identification and delineation for a Federal list of plant species that Occur in Wetlands led to the suggestion by the Fish and Wildlife Service that a review process be established similar to that developed to review the Hydric Soils of the United States (U.S. Department of Agriculture 1987). In early 1983, the Fish and Wildlife Service formally requested that the Army Corps of Engineers, Environmental Protection Agency, and Soil Conservation Service participate cooperatively in an interagency review and development of a National List of Plant Species that Occur in Wetlands. Each agency nominated staff wetland ecologists with a strong background in wetland botany to a National Interagency Review Panel. Two organizational meetings were held in the summer of 1983 to determine the responsibilities and goals of the National and Regional Interagency Review Panels and the structure of the review process. The four Federal agencies also nominated staff wetland ecologists to represent them on each of the Regional Review Panels. Selection and appointment of the Regional Interagency Review Panel representatives was completed by each agency by the spring of 1984. All four agencies have been represented on most Review Panels, with some change in agency representatives occurring through the years.

Initial organizational meetings for all the conterminous United States Regional Interagency Review Panels were held in 1984. The regional review process was discussed, and review materials were developed. Potential reviewers, principally field botanists and ecologists associated with State and Federal agencies and universities, were identified for each region, and the responsibility for contacting the potential regional reviewers was partitioned among the Review Panel members. Regional reviewers were contacted during the summer and fall of 1984 to determine if they could review the list and return their review comments by the winter of 1984-85. Regional reviewers were sent the most current copy of the regional list (dated September 1982) during the summer and fall of 1984. The Regional review lists contained, for many species, a tentative Indicator assignment developed from the data collected for the Annotated National Wetland Plant Species Data Base. All the Regional Review Panels met during the spring of 1985 to consider the review provided by the regional ecologists. A total of 142 ecologists and botanists from across the country initially reviewed the 1982 lists. The number of reviewers varied from 10 to 30 per region. Regional reviewers assigned a wetland Indicator to as many species as possible, based upon their field experience, using Cowardin et al. (1979) for the definition of a wetland.

The Regional Interagency Review Panels examined the Indicator assignments suggested by each reviewer and any additional supporting documentation which reviewers provided. Each of the Regional Review Panel members independently synthesized the review received and developed a regional Indicator assignment

for each species based upon all the regional review and information gathered about the species. The tentative Indicator assignment developed from the Annotated National Wetland Plant Species Data Base often was regarded as the equivalent of a regional reviewer's assignment and was given the same status or weight in Review Panel deliberations. The Regional Review Panel collectively considered Indicator assignments for each species made by each agency panel member and, with each agency having one vote, attempted to achieve unanimous agreement on a Regional Indicator assignment. The plus (+) and minus (-) designations, specifying respectively the higher or lower part of the frequency range for a particular Indicator, were used by some Review Panels as a means of achieving interagency agreement. The number of reviewers for each species varied considerably, and each reviewer was generally given the same weight by a Review Panel. The number of reviewers commenting on individual species varied, depending on the distribution of the species across the region. Particular species ranged from 20 review comments to only a single review, and in some cases received no review. Review reflecting a wide range of suggested Indicators was received for some species. This broad range of suggested Indicators for these species was difficult to synthesize and blend into a single Indicator status. These species were given an NA (no agreement) assignment if the Review Panel could not reach a unanimous decision. Unreviewed species were assigned an NI (no indicator) assignment if the Review Panel had little or no information on which to base an Indicator status.

The National Review Panel met in July 1985 to review progress, to examine the Indicator assignments for consistency across regions, and to develop a procedure for the assignment of an Indicator to as many unassigned species as possible. National, regional, and State lists of plant species that Occur in Wetlands were produced in the spring of 1986, and were distributed widely.

The Regional Review Panels met during the summer and fall of 1986 to apply an Indicator assignment to as many remaining unassigned species as possible. The Review Panels principally relied on additional review received from former and new reviewers, the habitat information recorded in the Annotated National Wetland Plant Species Data Base, or examination of the habitat given in selected regional manuals if the Species Data Base information was not available, to assign a regional Indicator status. An asterisk (*) was assigned by the Regional Review Panels to Indicators derived from limited ecological information. The asterisk reflected a tentative assignment made with less confidence and data than the other Indicator assignments. Usually no review was received from regional ecologists for these asterisked species. A question mark (?) following a National Indicator denoted a tentative Indicator assignment assigned by the compiler and not confirmed by Regional Interagency Review Panel concurrence. The 1986 National Wetland Plant List - Regional Indicator Compilation (Reed 1986) reported the status of the review process.

The National Review Panel reexamined the review process and current list in 1986 and directed the Regional Panels to complete the review of the regional lists. The Regional Review Panels met during the spring and summer of 1987 to complete the initial assignment of as many unassigned species remaining on the regional lists as possible. The Review Panels also considered species suggested for addition by reviewers. Additional Regional Indicator assignments and changes to previous assignments were made based on new review received from reviewers,

ecological information from the Annotated National Wetland Plant Species Data Base, or information from botanical manuals.

The task of the Regional Interagency Review Panels was to interpret and synthesize reviewers' comments and the range of habitat descriptions given for each species by the various authors of the botanical manuals into a single wetland Indicator category for their regions. There was an overwhelming similarity of independent Indicator assignments made by both the reviewers, based on their field experience, and the Regional Review Panel members, based on the habitat expressed in the botanical literature. This repeatability of Indicator assignments derived in a variety of ways by ecologists with a wide variety of backgrounds confirmed that the Indicators were both reproducible and defensible. The Regional Review Panels were able to assign, with the highest degree of confidence, Indicators to those species which had been reviewed by a number of regional reviewers and also had a large literature base. The comparability of the Indicator designations is also demonstrated by the large number of species (6,114 species, 91% of the species assigned an Indicator) that were assigned only a single Indicator or a narrow range of Indicators by the independently functioning Regional Review Panels. An analysis of the National Indicator range shows that 483 species (7%) were assigned an NI (no indicator), and 675 species (10%) have a question mark following the Indicator. The question mark signifies a tentative assignment. An analysis of the Regional Indicators for all regions shows that an * was added to 729 Regional Indicators and an NA was assigned to 28 species. The National List of Plant Species that Occur in Wetlands represents our progress to date and is provided both for current use and as a base for future revisions.

COMPOSITION OF THE LISTS

The National, regional, and State lists are reported in a variety of formats. All of the lists are initially arranged alphabetically by scientific name followed by a second list, also alphabetical by scientific name, of those species with infra-specific (subspecies, variety, or form) Indicator assignments. A third list, alphabetic by scientific name, provides a list of synonyms related to the equivalent accepted name shown in the alphabetical scientific name list. The State lists also contain a fourth compilation, following the synonymy report, of the species found in each State, alphabetized by common name and subdivided into eight separate lists by life form (trees, shrubs, vines, forbs, grasses, grasslikes [sedges and rushes], ferns and allies, and aquatics).

Nomenclature and distribution follow the National List of Scientific Plant Names (1982) except as modified by State distribution data from an unpublished plant species geographic data base (Kartesz).

Epiphytic (e.g., mistletoes and some orchids) and nonrooted species (e.g., dodder) were excluded from the National List because their roots were respectively either never exposed to ground-level soil conditions or were not in existence during all or part of the plant's life span. The current National List contains only vascular plants, but a companion list of Bryophytes (mosses and liverworts) that occur in wetlands is being developed to further define the wetland flora of the United States. The Algae have also been excluded from the current list.

Listings of the members of the National and appropriate Regional Interagency Review Panels and the regional reviewers are included at the end of each list (Appendix D). Not all categories listed below are displayed in each National, regional, or State report. The National alphabetical scientific name list is reported by SCI-NAME, NAT-IND, R1IND, R2IND, R3IND, R4IND, R5IND, R6IND, R7IND, R8IND, R9IND, ROIND, RAIND, RCIND, RHIND, and REGION. The National trinomial list is reported by SCI-NAME, TRINOM, R1IND, R2IND, R3IND, R4IND, R5IND, R6IND, R7IND, R8IND, R9IND, ROIND, RAIND, RCIND, RHIND, and REGION. The National, regional, and State synonym lists are reported by SYNONYMY, SCI-NAME, AUTHOR, and REGION. The regional and State alphabetical scientific name lists are reported by SCI-NAME,AUTHOR, COMMON-NAME, R_IND, NAT-IND, and HABIT. The regional and State trinomial lists are reported by SCI-NAME, AUTHOR, TRINOM, R_IND, NAT-IND, and HABIT. The State alphabetical common-name lists are reported within life forms (HABIT) by COMMON-NAME, R_IND, NAT-IND, SYMBOL, SCI-NAME, and HABIT.

The information in these lists is presented in the following categories. A brief definition of the categories reported in the various lists is given below:

SCI-NAME (Scientific Name)

The genus and species applied to the taxon by the National List of Scientific Plant Names (1982).

SYMBOL

Symbol assigned in the National List of Scientific Plant Names (1982), consisting of the first two letters of the genus name and the first two letters of the specific epithet, with additional numbers added in numeric sequence to the four-letter symbol to break ties. Tentative plant symbols for species not in the National List of Scientific Plant Names (1982) have been created by taking the first two letters of the genus and specific epithet, adding a numeric tie breaker, if necessary, and ending with a question mark. All species have a unique symbol.

AUTHOR

The author of the scientific name as cited by the National List of Scientific Plant Names (1982).

SYNONYMY

Alternate scientific names applied to the species by major regional or State floras.

TRINOM (Trinomial)

Varieties, subspecies, or forms which differ in Indicator assignment from the species.

NAT-IND (National Range Of Indicators)

The National Indicators reflect the range of estimated probabilities (expressedas a frequency of occurrence) of a species occurring in wetland versus nonwetland across the entire distribution of the species. A frequency, for example, of 67%-99% (Facultative Wetland) means that 67%-99% of sample plots containing the species randomly selected across the range of the species would be wetland. Aquestion mark (?) following an Indicator denotes a tentative assignment based on the botanical literature and not confirmed by regional review. When two indicators are given, they reflect the range from the lowest to the highest frequency of occurrence in wetlands across the regions in which the species is found. A positive (+) or negative (-) sign was used with the Facultative Indicator categories to more specifically define the regional frequency of occurrence in wetlands. The positive sign indicates a frequency toward the higher end of the category (more frequently found in wetlands), and a negative sign

indicates a frequency toward the lower end of the category (less frequently found in wetlands).

Indicator Categories

Obligate Wetland (OBL). Occur almost always (estimated probability >99%) under natural conditions in wetlands.

Facultative Wetland (FACW). Usually occur in wetlands (estimated probability 67%-99%), but occasionally found in nonwetlands.

Facultative (FAC). Equally likely to occur in wetlands or nonwetlands (estimated probability 34%-66%).

Facultative Upland (FACU). Usually occur in nonwetlands (estimated probability 67%-99%), but occasionally found in wetlands (estimated probability 1%-33%).

Obligate Upland (UPL). Occur in wetlands in another region, but occur almost always (estimated probability >99%) under natural conditions in nonwetlands in the region specified. If a species does not occur in wetlands in any region, it is not on the National List.

The wetland Indicator categories should not be equated to degrees of wetness. Many obligate wetland species occur in permanently or semipermanently flooded wetlands, but a number of obligates also occur and some are restricted to wetlands which are only temporarily or seasonally flooded. The facultative upland species include a diverse collection of plants which range from weedy species adapted to exist in a number of environmentally stressful or disturbed sites (including wetlands) to species in which a portion of the gene pool (an ecotype) always occurs in wetlands. Both the weedy and ecotype representatives of the facultative upland category occur in seasonally and semipermanently flooded wetlands.

R_IND (Regional Indicator)

The estimated probability (likelihood) of a species occurring in wetlands versus nonwetlands in the region. Regional Indicators reflect the unanimous agreement of the Regional Interagency Review Panel. If a regional panel was not able to reach a unanimous decision on a species, NA (no agreement) was recorded in the regional indicator (R_IND) field. An NI (no indicator) was recorded for those species for which insufficient information was available to determine an indicator status. A nonoccurrence (NO) designation indicates that the species does not occur in that region. An asterisk (*) following a regional Indicator identifies tentative assignments based on limited information from which to determine the indicator status. In the listings for the States divided into two regions (Montana, Wyoming, and Colorado), both regional Indicators are reported.

REGION

The distribution of the species expressed by the regional codes used in the National List of Scientific Plant Names (1982). These code numbers and regions are displayed in Figure 1.

REGION CODE	REGION	STATE(S) IN REGION
1	Northeast	ME,NH,VT,MA,CT,RI,WV,KY,NY,PA, NJ,MD,DE,VA,OH
2	Southeast	NC,SC,GA,FL,TN,AL,MS,LA,AR
3	North Central	MO,IA,MN,MI,WI,IL,IN
4	North Plains	ND,SD,MT(Eastern),WY(Eastern)
5	Central Plains	NE,KS,CO(Eastern)
6	South Plains	TX,OK
7	Southwest	AZ,NM
8	Intermountain	NV,UT,CO(Western)
9	Northwest	WA,OR,ID,MT(Western),WY(Western)
0	California	CA
A	Alaska	AK
C	Caribbean	PR(Puerto Rico), VI(U.S. Virgin Isls.), CZ(Canal Zone), SQ (Swan Isls.)
H	Hawaii	HI(Hawaiian Isls.), AQ(American Samoa), GU(Guam), IQ(U.S. Misc. Pacific Isls.), MQ(Midway Isls.), TQ(Trust territories of the Pacific Isls.), WQ(Wake Isl.), YQ(Ryukyu Isls. Southern)

COMMON-NAME

A popular name applied to the species. Common name selection generally follows Common Names for North American Plants (Kartesz and Thieret, in press), but some common names follow the current common name list maintained by the Soil Conservation Service.

HABIT

The plant characteristics and life forms assigned to each species in the National List of Scientific Plant Names (1982) and by the Soil Conservation Service. Family names are listed alphabetically under specific life forms restricted to these families.

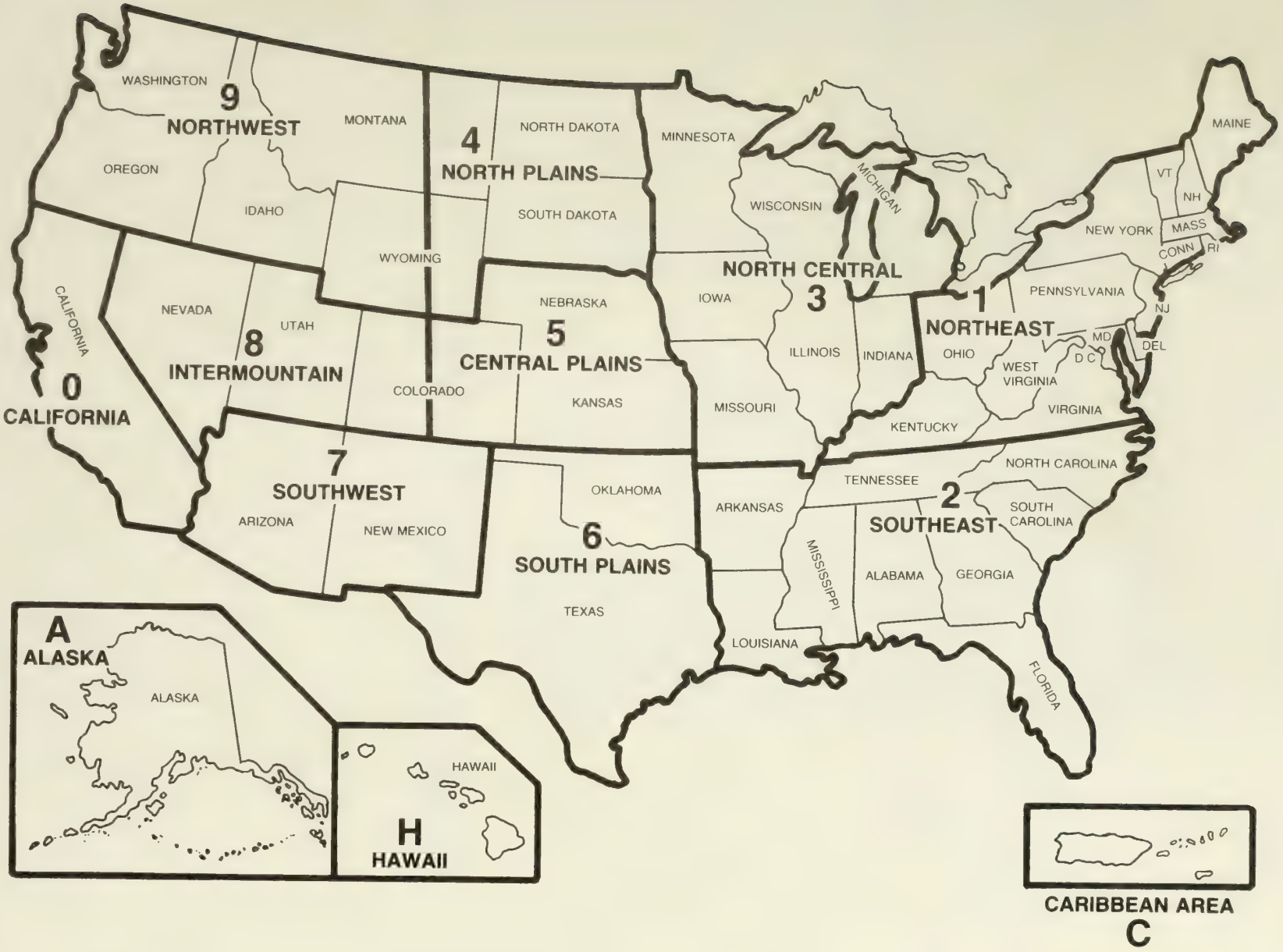

Figure 1. Regions of distribution for the National List of Scientific Plant Names (1982).

SYMBOL		CHARACTERISTIC OR LIFE FORM
A	=	Annual
B	=	Biennial
C	=	Clubmoss
		LYCOPODIACEAE
		SELAGINELLACEAE
E	=	Emergent
@	=	Epiphytic
F	=	Forb
/	=	Floating
F3	=	Fern
		ADIANTACEAE
		ASPLENIACEAE
		BLECHNACEAE
		CYATHEACEAE
		DAVALLIACEAE
		DENNSTAEDTIACEAE
		DRYOPTERIDACEAE
		GLEICHENIACEAE
		GRAMMITIDACEAE
		HYMENOPHYLLACEAE
		LOMARIOPSIDACEAE
		MARATTIACEAE
		OPHIOGLOSSACEAE
		OSMUNDACEAE
		PARKERIACEAE
		POLYPODIACEAE
		PSILOTACEAE
		PTERIDAC EAE
		SCHIZAEACEAE

SYMBOL		CHARACTERISTIC OR LIFE FORM
G	=	Grass
		POACEAE
GL	=	Grasslike
		CYPERACEAE
		JUNCACEAE
H	=	Partly woody
HS	=	Half shrub
H2	=	Horsetail
		EQUISETACEAE
I	=	Introduced
N	=	Native
P	=	Perennial
+	=	Parasitic
P3	=	Pepperwort
		MARSILEACEAE
Q	=	Quillwort
		ISOETACEAE
S	=	Shrub
-	=	Saprophytic
Z	=	Submerged
$	=	Succulent
T	=	Tree
V	=	Herbaceous Vine
W	=	Waterfern
		AZOLLACEAE
		SALVINIACEAE
WV	=	Woody vine

The HABIT symbols are combined to describe the life form of the species (e.g., ANG means annual native grass, IT means introduced tree).

DIGITAL DATA BASE AVAILABILITY

The National List of Plant Species that Occur in Wetlands is maintained in a microcomputer data base. This data base was created to track and document the decisions made by the Regional Interagency Review Panels and to facilitate generation of National, regional and State reports. The data base is organized into 26 fixed-length and 3 variable-length fields and contains information on plant taxonomy, geography, and wetland Indicator status. We expect to make regional subdivisions of the data base and a user's manual available on selected magnetic media. An announcement of the format and ordering procedures will be distributed widely when the data base is available in digital form.

REGIONAL INDICATORS

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
ACALYPHA RHOMBOIDEA	RAF.	COPPER-LEAF,COMMON	FACU-	UPL,FAC-	ANF
ACALYPHA VIRGINICA	L.	MERCURY,THREE-SEEDED	FACU-	UPL,FACU	ANF
ACER GLABRUM	TORR.	MAPLE,ROCKY MOUNTAIN	FAC	FACU,FAC	NT
ACER NEGUNDO	L.	BOX-ELDER	FAC	FAC,FACW	NT
ACER SACCHARINUM	L.	MAPLE,SILVER	FACW	FAC,FACW	NT
ACER SACCHARUM	MARSHALL	MAPLE,SUGAR	FACU	UPL,FACU	NT
ACHILLEA MILLEFOLIUM	L.	YARROW,COMMON	FACU	FACU	PNF
ACONITUM COLUMBIANUM	NUTT.	MONKSHOOD,COLUMBIA	FACW	FACW	PNF
ACORUS CALAMUS	L.	SWEETFLAG	OBL	OBL	PIEF
ADIANTUM CAPILLUS-VENERIS	L.	FERN,SOUTHERN MAIDEN-HAIR	FACW	FACU,FACW+	PNF3
ADIANTUM PEDATUM	L.	FERN,NORTHERN MAIDEN-HAIR	FAC	FACU,FAC	PNF3
ADOXA MOSCHATELLINA	L.	MUSK-ROOT	FAC	FACU,FAC	PNF
AESCULUS GLABRA	WILLD.	BUCKEYE,OHIO	NI	FACU,FAC+	NT
AGALINIS ASPERA	(DOUGL. EX BENTH.) BRITTON	FALSE-FOXGLOVE,ROUGH PURPLE	FACU	FACU,FAC	ANF
AGALINIS TENUIFOLIA	(VAHL) RAF.	FALSE-FOXGLOVE,SLENDER	FACW	FACU,FACW	AF
AGASTACHE NEPETOIDES	(L.) KUNTZE	GIANT-HYSSOP,YELLOW	FAC	FACU,FAC	PNF
AGERATINA ALTISSIMA	(L.) R.M. KING & H. ROB.	SNAKEROOT,WHITE	FAC	UPL,FAC	N
AGOSERIS GLAUCA	(PURSH) D. DIETR.	FALSE-DANDELION,PALE	FAC	FACU,FAC	PNF
AGRIMONIA GRYPOSEPALA	WALLR.	GROOVEBUR,TALL HAIRY	FAC	FACU,FACW-	PNF
AGRIMONIA PARVIFLORA	SOLAND. IN AIT.	GROOVEBUR,SMALL-FLOWER	FAC	FAC,FACW	PNF
AGRIMONIA STRIATA	MICHX.	GROOVEBUR,WOODLAND	FACU	FACU-,FAC	PNF
AGROHORDEUM X MACCUNII	(VASEY) LEPAGE	WILDRYE,MACOUN	FAC	FACU,FAC	PNG
AGROPYRON CANINUM	BEAUV.	WHEATGRASS,CUTTING	FAC	FACU,FAC	PIG
AGROPYRON DASYSTACHYUM	(HOOK.) SCRIBN.	WHEATGRASS,THICK-SPIKE	FAC	UPL,FAC	PNG
AGROPYRON REPENS	(L.) BEAUV.	QUACKGRASS	FAC	UPL,FAC	PIG
AGROPYRON SMITHII	RYDB.	WHEATGRASS,WESTERN	FACU	UPL,FAC-	PNG
AGROPYRON SPICATUM	(PURSH) SCRIBN. & J.G. SMITH	WHEATGRASS,BLUE-BUNCH	FACU-	UPL,FACU	PNG
AGROPYRON TRACHYCAULUM	(LINK) MALTE EX H.F. LEWIS	WHEATGRASS,SLENDER	FACU	FACU,FAC	PNG
AGROSTIS ALBA	L.	REDTOP	FACW	FACW,OBL	PIG
AGROSTIS EXARATA	TRIN.	BENTGRASS,SPIKE	FACW	FACW	PNG
AGROSTIS GIGANTEA	ROTH	BENTGRASS,BLACK	NI	FAC?	PNG
AGROSTIS HYEMALIS	(WALTER) B.S.P.	BENTGRASS,WINTER	FACW	FACU,FACW	PNG
AGROSTIS PERENNANS	(WALTER) TUCKERMAN	BENTGRASS,PERENNIAL	FACW	FACU,FACW	PNG
AGROSTIS SCABRA	WILLD.	BENTGRASS,ROUGH	FAC	FAC,FAC+	PNG
AGROSTIS STOLONIFERA	L.	BENTGRASS,SPREADING	FAC+	FAC+,FACW	PNG
ALISMA GRAMINEUM	GMEL.	WATER-PLANTAIN,NARROW-LEAF	OBL	OBL	PNEF
ALISMA PLANTAGO-AQUATICA	L.	WATER-PLANTAIN,BROAD-LEAF	OBL	OBL	PNEF
ALISMA SUBCORDATUM	RAF.	WATER-PLANTAIN,SUBCORDATE	OBL	OBL	PNEF
ALLIARIA PETIOLATA	(M. BIEB.) CAVARA & GRANDE	MUSTARD,GARLIC	FACU	FACU-,FACW	BIF
ALLIUM CANADENSE	L.	ONION,MEADOW	FACU	FACU-,FACU	PNF
ALLIUM GEYERI	S. WATS.	ONION,GEYER	FACU	FACU	PNF
ALLIUM TRICOCCUM	AIT.	LEEK,SMALL WHITE	FACU	FACU,FAC	PNF
ALNUS INCANA	(L.) MOENCH	ALDER,SPECKLED	FACW	FACU,FACW	NS
ALNUS RUGOSA	(DU ROI) SPRENG.	ALDER,SPECKLED	FACW	FAC,OBL	NT
ALOPECURUS AEQUALIS	SOBOL.	FOXTAIL,SHORT-AWN	OBL	OBL	PNG
ALOPECURUS ARUNDINACEUS	POIR.	FOXTAIL,CREEPING	NI	FACW?	PIG
ALOPECURUS CAROLINIANUS	WALTER	FOXTAIL,TUFTED	FACW	FAC+,FACW	ANG
ALOPECURUS GENICULATUS	L.	FOXTAIL,MEADOW	OBL	FACW+,OBL	PNG
ALOPECURUS PRATENSIS	L.	FOXTAIL,MEADOW	FACW	FAC,FACW	PIG
ALTHAEA OFFICINALIS	L.	MARSH-MALLOW,COMMON	NI	FACW+	PIF
AMARANTHUS ALBUS	L.	AMARANTH,WHITE	FACU	FACU-,FACU	ANF
AMARANTHUS ARENICOLA	JOHNST.	AMARANTH,SANDHILLS	FACU	UPL,FAC	ANF

ACALYPHA RHOMBOIDEA

AMARANTHUS ARENICOLA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
AMARANTHUS BLITOIDES	S. WATS.	AMARANTH,PROSTRATE	FAC	FACU,FACW	AIF
AMARANTHUS RETROFLEXUS	L.	AMARANTH,RED-ROOT	FACU	FACU-,FAC-	ANF
AMARANTHUS RUDIS	SAUER	AMARANTH,TALL	FAC	FACU-,FACW	ANF
AMARANTHUS TUBERCULATUS	(MOQ.) SAUER	AMARANTH,ROUGH-FRUIT	OBL	FACW,OBL	ANF
AMBROSIA ARTEMISIIFOLIA	L.	RAGWEED,ANNUAL	FACU	FACU-,FACU+	ANF
AMBROSIA PSILOSTACHYA	DC.	RAGWEED,NAKED-SPIKE	FAC	FACU-,FAC	PNF
AMBROSIA TRIFIDA	L.	RAGWEED,GREAT	FAC	FAC,FACW	ANF
AMELANCHIER ALNIFOLIA	(NUTT.) NUTT.	SERVICE-BERRY,SASKATOON	FACU	UPL,FAC-	NS
AMMANNIA AURICULATA	WILLD.	AMMANNIA,RED-STEM	OBL	OBL	ANF
AMMANNIA COCCINEA	ROTTB.	AMMANNIA,PURPLE	OBL	FACW+,OBL	ANF
AMORPHA FRUTICOSA	L.	INDIGO-BUSH,FALSE	FACW	FAC,OBL	NS
AMORPHA NANA	NUTT.	INDIGO-BUSH,FRAGRANT	NI	FACU?	NS
AMPHICARPAEA BRACTEATA	(L.) FERNALD	HOG-PEANUT,AMERICAN	FACU	FACU,FACW	APNFV
ANAGALLIS ARVENSIS	L.	PIMPERNEL,SCARLET	NI	UPL,FACW-	AIF
ANDROPOGON GERARDII	VITMAN	BLUESTEM,BIG	FACU	FACU,FAC	PNG
ANDROSACE OCCIDENTALIS	PURSH	ROCK-JASMINE,WESTERN	FACU	FACU-,FACU	ANF
ANDROSACE SEPTENTRIONALIS	L.	ROCK-JASMINE,PYGMY-FLOWER	FACU+	UPL,FAC-	ANF
ANEMONE CANADENSIS	L.	THIMBLE-WEED,CANADA	FACW	FAC,FACW	PNF
ANEMONE QUINQUEFOLIA	L.	THIMBLE-WEED,AMERICAN WOODLAND	NI	FACU,FAC	PNF
ANEMONE VIRGINIANA	L.	THIMBLE-WEED,TALL	NI	NI	PNF
ANTHEMIS COTULA	L.	MAYWEED	FACU	UPL,FACU+	AIF
APIOS AMERICANA	MEDIC.	POTATO-BEAN,AMERICAN	FACW	FAC,FACW	PNF
APOCYNUM CANNABINUM	L.	DOGBANE,CLASPING-LEAF	FAC	FACU,FAC+	PNF
APOCYNUM SIBIRICUM	JACQ.	DOGBANE,PRAIRIE	FAC	FAC-,FAC+	PNF
AQUILEGIA CANADENSIS	L.	COLUMBINE,WILD	FAC	FAC-,FACW	PNF
ARABIS DIVARICARPA	A. NELS.	ROCKCRESS,LIMESTONE	FACU	FACU	BNF
ARABIS DRUMMONDII	GRAY	ROCKCRESS,DRUMMOND'S	FACU	FACU	BNF
ARABIS HIRSUTA	(L.) SCOP.	ROCKCRESS,HAIRY	FACU	FACU	PNF
ARABIS HOLBOELLII	HORNEM.	ROCKCRESS,HOLBOELL'S	FACU	UPL,FACU	BNF
ARALIA NUDICAULIS	L.	SARSAPARILLA,WILD	FACU	FACU,FAC	PNF
ARCTOSTAPHYLOS UVA-URSI	(L.) SPRENG.	BEARBERRY	FACU-	UPL,FACU	NS
ARENARIA SERPYLLIFOLIA	L.	SANDWORT,THYME-LEAF	FAC	FACU,FAC	AIF
ARISAEMA TRIPHYLLUM	(L.) SCHOTT	JACK-IN-THE-PULPIT,SWAMP	FACW	FAC,FACW	PNF
ARISTIDA DICHOTOMA	MICHX.	GRASS,SHINNERS' THREE-AWN	NI	UPL,FACU	ANG
ARISTIDA LONGESPICA	POIR.	GRASS,SLIM-SPIKE THREE-AWN	NI	UPL,FACU	ANG
ARMORACIA RUSTICANA	P. GAERTN., B. MEYER & SCHERB.	HORSERADISH	NI	FAC	PIEF
ARNOGLOSSUM PLANTAGINEUM	RAF.	INDIAN-PLANTAIN,GROOVE-STEM	NI	FACU,FACW	PNF
ARRHENATHERUM ELATIUS	(L.) J. & K. PRESL	OATGRASS,TALL	FACU	UPL,FACU	PIG
ARTEMISIA ANNUA	L.	WORMWOOD,ANNUAL	NI	UPL,FACU	AIF
ARTEMISIA BIENNIS	WILLD.	WORMWOOD,BIENNIAL	FAC	FACU-,FACW	AIF
ARTEMISIA CANA	PURSH	SAGEBRUSH,SILVER	FACU	FACU,FACW	NS
ARTEMISIA LUDOVICIANA	NUTT.	SAGEBRUSH,WHITE	FACU	UPL,FACU	PNFH
ASCLEPIAS INCARNATA	L.	MILKWEED,SWAMP	OBL	FACW+,OBL	PNF
ASCLEPIAS SPECIOSA	TORR.	MILKWEED,SHOWY	FAC	FAC,FACW	PNF
ASCLEPIAS SUBVERTICILLATA	(GRAY) VAIL	MILKWEED,WESTERN WHORLED	NI	UPL,FACU	PNF
ASPARAGUS OFFICINALIS	L.	ASPARAGUS-FERN,GARDEN	FACU	FACU-,FACU	PIF
ASPLENIUM TRICHOMANES-RAMOSUM	L.	SPLEENWORT,GREEN	FACU	UPL,FACU	PNF3
ASTER BRACHYACTIS	BLAKE	ASTER,RAYLESS ALKALI	FACW	FAC,FACW	ANF
ASTER CHILENSIS	NEES	ASTER,COMMON CALIFORNIA	NI	FACU,FACW-	PNF
ASTER EATONII	(GRAY) T. HOWELL	ASTER,EATON	NI	FAC,FAC+	PNF
ASTER ERICOIDES	L.	ASTER,WHITE HEATH	FACU	UPL,FACU	PNF
ASTER FALCATUS	LINDL.	ASTER,WHITE PRAIRIE	FACU	FACU-,FAC	PNF

AMARANTHUS BLITOIDES

ASTER FALCATUS

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ASTER HESPERIUS	GRAY	ASTER,SISKIYOU	OBL	OBL	PNF
ASTER JUNCIFORMIS	RYDB.	ASTER,RUSH	OBL	OBL	PNF
ASTER LATERIFLORUS	(L.) BRITTON	ASTER,CALICO	FACW	FAC,FACW+	PNF
ASTER LUCIDULUS	(GRAY) WIEGAND	ASTER,SHINING	FACW	FACW,FACW+	PNF
ASTER NOVAE-ANGLIAE	L.	ASTER,NEW ENGLAND	FACW	FACW-,FACW	PNF
ASTER ONTARIONIS	WIEGAND	ASTER,ONTARIO	FAC	FAC	PNF
ASTER PANSUS	(BLAKE) CRONQ.	ASTER,MANY-FLOWERED	FAC	FACU,FAC+	PNF
ASTER PAUCIFLORUS	NUTT.	ASTER,ALKALI MARSH	FACW	FACW	PNF
ASTER PUNICEUS	L.	ASTER,SWAMP	OBL	OBL	PNF
ASTER SIBIRICUS	L.	ASTER,SIBERIAN	NI	FAC	PNF
ASTER SIMPLEX	WILLD.	ASTER,PANICLED	FACW	FACW	PNF
ASTER TRADESCANTI	L.	ASTER,TRADESCANT	FACW	FAC+,FACW	PNF
ASTER UMBELLATUS	MILL.	ASTER,FLAT-TOP WHITE	FACW+	FACW,OBL	PNF
ASTER X LANCEOLATUS	WILLD.	ASTER,WHITE PANICLE	NI	NI	F
ASTRAGALUS AGRESTIS	DOUGL.	MILKVETCH,FIELD	FACU	FACU,FACW-	PNF
ASTRAGALUS ALPINUS	L.	MILKVETCH,ALPINE	FAC	FACU,FAC	PNF
ASTRAGALUS AMERICANUS	(HOOK.) JONES	MILKVETCH,AMERICAN	FAC	FAC	PNF
ASTRAGALUS BODINII	SHELDON	MILKVETCH,BODIN'S	NI	FACU-,FACW-	PNF
ASTRAGALUS CANADENSIS	L.	MILKVETCH,CANADA	FACU	FACU,FACW	PNF
ATHYRIUM FILIX-FEMINA	(L.) ROTH	FERN,SUBARCTIC LADY	FAC	FAC,FAC+	PNF3
ATRIPLEX ARGENTEA	NUTT.	SALTBUSH,SILVER-SCALE	FACU	FACU,FAC	ANF
ATRIPLEX CANESCENS	(PURSH) NUTT.	SALTBUSH,FOUR-WING	FACU-	UPL,FACU	NS
ATRIPLEX FALCATA	(M.E. JONES) STANDL.	SALTBUSH,SICKLE	NI	UPL,FACW	NH
ATRIPLEX HORTENSIS	L.	ORACHE,GARDEN	FAC	UPL,FACW	AIF
ATRIPLEX PATULA	L.	SALTBUSH,HALBERD-LEAF	FACW	FAC,FACW	ANF
ATRIPLEX ROSEA	L.	ORACHE,TUMBLING	FACU	FACU-,FACU+	AIF
BACOPA ROTUNDIFOLIA	(MICHX.) WETTST.	WATER-HYSSOP,DISK	OBL	OBL	PNF
BARBAREA ORTHOCERAS	LEDEB.	WINTER-CRESS,AMERICAN	OBL	FACW,OBL	BNEF
BARBAREA VULGARIS	R. BR.	ROCKET,YELLOW	FAC	FACU,FACW	BIF
BASSIA HYSSOPIFOLIA	(PALLAS) KUNTZE	SMOTHER-WEED,FIVE-HORN	FACW	FAC,FACW	AIF
BECKMANNIA ERUCIFORMIS	(L.) HOST	GRASS,BECKMANN'S	NI	OBL	G
BECKMANNIA SYZIGACHNE	(STEUD.) FERNALD	SLOUGHGRASS,AMERICAN	OBL	OBL	ANG
BERGIA TEXANA	(HOOK.) SEUBERT	BERGIA,TEXAS	OBL	OBL	ANF
BERULA ERECTA	(HUDS.) COV.	PARSNIP,CUT-LEAF WATER	OBL	OBL	PIF
BETULA ALBA	L.	BIRCH,WHITE	NI	FACU,FAC+	NTS
BETULA GLANDULOSA	MICHX.	BIRCH,TUNDRA DWARF	OBL	FAC,OBL	NS
BETULA OCCIDENTALIS	HOOK.	BIRCH,SPRING	FACW	FAC,FACW	NT
BETULA PAPYRIFERA	MARSHALL	BIRCH,PAPER	FACU	FACU,FACU+	NT
BETULA PUMILA	L.	BIRCH,BOG	OBL	OBL	NS
BETULA X SANDBERGII	BRITTON	BIRCH,SANDBERG'S	OBL	OBL	NT
BIDENS CERNUA	L.	BEGGAR-TICKS,NODDING	OBL	FACW+,OBL	AIF
BIDENS COMOSA	(GRAY) WIEGAND	BEGGAR-TICKS,LEAFY-BRACT	FACW	FACW	ANF
BIDENS CONNATA	MUHL. EX WILLD.	BEGGAR-TICKS,PURPLE-STEM	FACW+	FACW+,OBL	ANF
BIDENS CORONATA	(L.) BRITTON	BEGGAR-TICKS,LARGE-FRUIT	OBL	OBL	ANF
BIDENS FRONDOSA	L.	BEGGAR-TICKS,DEVIL'S	FACW	FACW,FACW+	ANF
BIDENS TRIPARTITA	L.	BEGGAR-TICKS,THREE-LOBE	NI	FACW,OBL	AIF
BOEHMERIA CYLINDRICA	(L.) SWARTZ	FALSE-NETTLE,SMALL-SPIKE	OBL	FACW,OBL	PNF
BOISDUVALIA GLABELLA	(NUTT.) WALP.	SPIKE-PRIMROSE,SMOOTH	FACW	FACW,OBL	ANF
BOLTONIA ASTEROIDES	(L.) L'HER.	BOLTONIA,WHITE	FACW	FACW,OBL	PNF
BOTRYCHIUM LUNARIA	(L.) SWARTZ	MOONWORT	FAC	FAC,FACW	PNF3
BOTRYCHIUM MATRICARIIFOLIUM	A. BRAUN	MOONWORT,DAISY-LEAF	FACU	FACU	PNF3
BOTRYCHIUM MULTIFIDUM	(J.F. GMEL.) RUPR.	GRAPEFERN,LEATHERY	FAC	FACU,FAC	PNF3

ASTER HESPERIUS

BOTRYCHIUM MULTIFIDUM

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BOTRYCHIUM SIMPLEX	E. HITCHC.	GRAPEFERN,LEAST	FAC	FACU,FAC*	PNF3
BOTRYCHIUM VIRGINIANUM	(L.) SWARTZ	FERN,RATTLESNAKE	FACU	FACU	PNF3
BRASENIA SCHREBERI	J.F. GMEL.	WATERSHIELD	OBL	OBL	PNZF
BROMUS CILIATUS	L.	BROME,FRINGED	FAC	FACU,FACW	PNG
BROMUS JAPONICUS	THUNB.	BROME,JAPANESE	FACU	UPL,FACU	AIG
BROMUS KALMII	GRAY	BROME,KALM'S	FACU+	FACU-,FAC	PNG
BROMUS LATIGLUMIS	(SHEAR) HITCHC.	BROME,EARLEAF	FACW	FACW-,FACW+	PNG
BROMUS PURGANS	L.	BROME,CANADA	FACU	FACU,FACU+	PNG
BUCHLOE DACTYLOIDES	(NUTT.) ENGELM.	GRASS,BUFFALO	FACU-	FACU-,FACU	PNG
BULBOSTYLIS CAPILLARIS	(L.) C.B. CLARKE	HAIRSEDGE,DENSE-TUFT	NI	FACU,FAC	APNGL
BUTOMUS UMBELLATUS	L.	FLOWERING-RUSH	OBL	OBL	PIEF
CALAMAGROSTIS CANADENSIS	(MICHX.) BEAUV.	REEDGRASS,BLUE-JOINT	FACW+	FAC,OBL	PNG
CALAMAGROSTIS EPIGEIOS	(L.) ROTH	REEDGRASS,CHEE	NI	FAC	PIG
CALAMAGROSTIS INEXPANSA	A. GRAY	SMALL-REEDGRASS,NARROW-SPIKE	FACW	FACW,FACW+	PNG
CALAMAGROSTIS NEGLECTA	(EHRH.) P. GARTN., B. MEYER & SCHERB.	REEDGRASS,SLIMSTEM	OBL	FACW,OBL	PNG
CALLA PALUSTRIS	L.	CALLA,WILD	OBL	OBL	PNEF
CALLITRICHE HERMAPHRODITICA	L.	WATER-STARWORT,AUTUMNAL	OBL	OBL	PNZF
CALLITRICHE HETEROPHYLLA	PURSH	WATER-STARWORT,LARGER	OBL	OBL	PIZ/F
CALLITRICHE VERNA	L.	WATER-STARWORT,SPINY	OBL	OBL	PNZ/F
CALTHA PALUSTRIS	L.	MARSH-MARIGOLD,COMMON	OBL	OBL	PNF
CALYPSO BULBOSA	(L.) OAKES	SLIPPER,FAIRY	FACW	FACU,FACW	PNF
CALYSTEGIA SEPIUM	(L.) R. BR.	BINDWEED,HEDGE	FAC	FACU,OBL	PIF
CAMELINA SATIVA	(L.) CRANTZ	FALSE-FLAX,LARGE-SEED	FACU	UPL,FAC	AIF
CAMPANULA AMERICANA	L.	BELLFLOWER,AMERICAN	FAC	FAC	ANF
CAMPANULA APARINOIDES	PURSH	BELLFLOWER,MARSH	OBL	OBL	PNF
CAMPANULA ROTUNDIFOLIA	L.	BELLFLOWER,SCOTCH	FAC	UPL,FAC	PNF
CAMPSIS RADICANS	(L.) SEEM.	TRUMPET-CREEPER	FACU	FACU,FAC	NWV
CANNABIS SATIVA	L.	MARIJUANA	FAC-	FACU-,FAC	AIF
CAPSELLA BURSA-PASTORIS	(L.) MEDIC.	PURSE,COMMON SHEPHERD'S	FACU	FACU,FAC	AIF
CARDAMINE BULBOSA	(SCHREB. EX MUHL.) B.S.P.	BITTER-CRESS,BULBOUS	OBL	OBL	PNF
CARDAMINE CONCATENATA	(MICHX.) O. SCHWARZ	TOOTHWORT,CUT-LEAF	FACU	FACU	PNF
CARDAMINE PENSYLVANICA	MUHL. EX WILLD.	BITTER-CRESS,PENNSYLVANIA	OBL	FACW,OBL	ANF
CAREX AENAE	FERNALD	SEDGE,BRONZE	NI	FACW?	PNGL
CAREX ALOPECOIDEA	TUCKERMAN	SEDGE,FOXTAIL	OBL	FACW,OBL	PNGL
CAREX AMPHIBOLA	STEUD.	SEDGE,NARROW-LEAF	FAC+	FAC,OBL	PNGL
CAREX AQUATILIS	WAHLENB.	SEDGE,WATER	OBL	OBL	PNEGL
CAREX ATHERODES	SPRENG.	SEDGE,SLOUGH	OBL	OBL	PNEGL
CAREX ATHROSTACHYA	OLNEY	SEDGE,SLENDER-BEAK	FACW	FAC,FACW	PNGL
CAREX AUREA	NUTT.	SEDGE,GOLDEN-FRUIT	FACW	FACW,OBL	PNGL
CAREX BEBBII	(L.H. BAILEY) OLNEY EX FERNALD	SEDGE,BEBB'S	OBL	OBL	PNGL
CAREX BELLA	L.H. BAILEY	SEDGE,SHOWY	FAC-	FACU,FAC-	PNGL
CAREX BICKNELLII	BRITTON	SEDGE,BICKNELL'S	FACW	FACU,FACW	PNGL
CAREX BLANDA	DEWEY	SEDGE,WOODLAND	FACU+	FACU+,FAC	PNGL
CAREX BREVIOR	(DEWEY) MACKENZ. EX LUNELL	SEDGE,SHORT-BEAK	FACU	UPL,OBL	PNEGL
CAREX BRUNNESCENS	(PERS.) POIR.	SEDGE,BROWNISH	FAC	FAC,OBL	PNGL
CAREX BUXBAUMII	WAHLENB.	SEDGE,BROWN BOG	OBL	FACW,OBL	PNEGL
CAREX CANESCENS	L.	SEDGE,HOARY	OBL	FACW+,OBL	PNGL
CAREX CAPILLARIS	L.	SEDGE,HAIR-LIKE	FACW	FACW	PNGL
CAREX CHORDORRHIZA	L.F.	SEDGE,CREEPING	NI	OBL	PNGL
CAREX COMOSA	BOOTT	SEDGE,BEARDED	OBL	OBL	PNEGL
CAREX CONCINNA	R. BR.	SEDGE,LOW NORTHERN	FACU	FACU,FAC	PNGL
CAREX CONJUNCTA	BOOTT	SEDGE,SOFT FOX	FAC+	FAC,FACW	PNGL

BOTRYCHIUM SIMPLEX

CAREX CONJUNCTA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
CAREX CRAWEI	DEWEY	SEDGE,CRAWE'S	FACW	FACW,OBL	PNGL
CAREX CRISTATELLA	BRITTON	SEDGE,CRESTED	FACW	FAC,FACW+	PNGL
CAREX DAVISII	SCHWEINITZ & TORR.	SEDGE,DAVIS'	FAC	FACU,FAC+	PNGL
CAREX DEWEYANA	SCHWEINITZ	SEDGE,SHORT-SCALE	FACU	UPL,FACW	PNGL
CAREX DIANDRA	SCHRANK	SEDGE,LESSER PANICLED	OBL	OBL	PNGL
CAREX DISPERMA	DEWEY	SEDGE,SOFT-LEAF	FACW	FACW,OBL	PNGL
CAREX DOUGLASII	BOOTT	SEDGE,DOUGLAS'	FACU	FACU,FAC	PNGL
CAREX EBURNEA	BOOTT	SEDGE,BRISTLE-LEAF	FACU	FACU-,FACU+	PNGL
CAREX EMORYI	DEWEY	SEDGE,EMORY'S	OBL	OBL	PNGL
CAREX FESTUCACEA	SCHKUHR EX WILLD.	SEDGE,FESCUE	FACW	FAC,FACW	PNGL
CAREX FOENEA	WILLD.	SEDGE,DRY-SPIKE	NI	FAC+?	PNGL
CAREX FORMOSA	DEWEY	SEDGE,HANDSOME	NI	FAC,FACW-	PNGL
CAREX GARBERI	FERNALD	SEDGE,ELK	FACW	FACW-,FACW	PNGL
CAREX GRACILLIMA	SCHWEINITZ	SEDGE,GRACEFUL	NI	FACU	PNGL
CAREX GRANULARIS	MUHL. EX WILLD.	SEDGE,MEADOW	OBL	FACW,OBL	PNGL
CAREX GYNOCRATES	WORMSKJ. EX DREJER	SEDGE,NORTHERN BOG	OBL	OBL	PNGL
CAREX HALLII	OLNEY	SEDGE,DEER	FAC	FAC,OBL	PNGL
CAREX HAYDENII	DEWEY	SEDGE,CLOUD	OBL	FACW+,OBL	PNEGL
CAREX HOODII	BOOTT	SEDGE,HOOD'S	NI	FAC?	PNGL
CAREX HYSTERICINA	MUHL. EX WILLD.	SEDGE,PORCUPINE	OBL	OBL	PNEGL
CAREX INTERIOR	L.H. BAILEY	SEDGE,INLAND	OBL	FACW-,OBL	PNGL
CAREX INTUMESCENS	RUDGE	SEDGE,BLADDER	OBL	FACW,OBL	PNGL
CAREX LACUSTRIS	WILLD.	SEDGE,LAKEBANK	OBL	OBL	PNEGL
CAREX LAEVICONICA	DEWEY	SEDGE,SMOOTH-CONE	OBL	OBL	PNEGL
CAREX LANUGINOSA	MICHX.	SEDGE,WOOLY	OBL	OBL	PNGL
CAREX LASIOCARPA	EHRH.	SEDGE,WOOLLY-FRUIT	OBL	OBL	PNEGL
CAREX LEPTALEA	WAHLENB.	SEDGE,BRISTLY-STALK	OBL	OBL	PNGL
CAREX LIMNOPHILA	F.J. HERM.	SEDGE,APPRESSED	NI	FACW,OBL	PNGL
CAREX LIMOSA	L.	SEDGE,MUD	NI	OBL	PNGL
CAREX LUPULINA	MUHL. EX WILLD.	SEDGE,HOP	NI	FACW+,OBL	PNEGL
CAREX MEADII	DEWEY	SEDGE,MEAD'S	FACU	FACU,OBL	PNGL
CAREX MICROPTERA	MACKENZ.	SEDGE,SMALL-WING	FAC	FAC,FACW	PNGL
CAREX NEBRASCENSIS	DEWEY	SEDGE,NEBRASKA	OBL	OBL	PNGL
CAREX NORMALIS	MACKENZ.	SEDGE,LARGER STRAW	FAC	FACU,OBL	PNGL
CAREX PARRYANA	DEWEY	SEDGE,PARRY'S	FACW	FAC+,FACW	PNGL
CAREX PRAEGRACILIS	W. BOOTT	SEDGE,CLUSTERED FIELD	FACW	FACW-,FACW+	PNGL
CAREX PRAIREA	DEWEY	SEDGE,PRAIRIE	OBL	FACW,OBL	PNGL
CAREX PRATICOLA	RYDB.	SEDGE,NORTHERN MEADOW	FAC+	FACU,FACW	PNGL
CAREX PSEUDOCYPERUS	L.	SEDGE,CYPRESS-LIKE	OBL	OBL	PNEGL
CAREX RETRORSA	SCHWEINITZ	SEDGE,RETRORSE	OBL	FAC,OBL	PNGL
CAREX RICHARDSONII	R. BR.	SEDGE,RICHARDSON'S	FAC-	UPL,FAC-	PNGL
CAREX ROSTRATA	J. STOKES	SEDGE,BEAKED	OBL	OBL	PNEGL
CAREX RUPESTRIS	ALL.	SEDGE,CURLY	FACU	UPL,FACU	PNGL
CAREX SARTWELLII	DEWEY	SEDGE,SARTWELL'S	FACW	FACW,OBL	PNGL
CAREX SCOPARIA	SCHKUHR EX WILLD.	SEDGE,POINTED BROOM	FACW	FACW	PNGL
CAREX SIMULATA	MACKENZ.	SEDGE,SHORT-BEAK	OBL	FACW,OBL	PNGL
CAREX SPARGANIOIDES	MUHL. EX WILLD.	SEDGE,BUR-REED	NI	FACU,FAC+	PNGL
CAREX SPRENGELII	DEWEY EX. SPRENG.	SEDGE,LONG-BEAK	FACU	FACU,FAC	PNGL
CAREX STERILIS	WILLD.	SEDGE,DIOECIOUS	NI	OBL	PNGL
CAREX STRICTA	LAM.	SEDGE,UPTIGHT	OBL	OBL	PNEGL
CAREX SYCHNOCEPHALA	J. CAREY	SEDGE,MANY-HEAD	FACW	FACW,FACW+	PNGL
CAREX TENERA	DEWEY	SEDGE,SLENDER	FACW	FACU+,FACW	PNGL

CAREX CRAWEI

CAREX TENERA

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CAREX TETANICA	SCHKUHR	SEDGE,RIGID	FACW	FACW,FACW+	PNGL
CAREX VESICARIA	L.	SEDGE,INFLATED	OBL	OBL	PNEGL
CAREX VIRIDULA	MICHX.	SEDGE,LITTLE GREEN	OBL	FACW+,OBL	PNGL
CAREX VULPINOIDEA	MICHX.	SEDGE,FOX	OBL	OBL	PNEGL
CAREX X MOLESTA	MACKENZ.	SEDGE,TROUBLESOME	FACW	FACU,FACW	PNGL
CAREX X STIPATA	MUHL. EX WILLD.	SEDGE,STALK-GRAIN	OBL	OBL	PNGL
CARYA OVATA	(MILL.) K. KOCH	HICKORY,SHAG-BARK	FACU	FACU-,FACU+	NT
CASSIA FASCICULATA	MICHX.	PEA,PARTRIDGE	FACU	FACU-,FACU	ANF
CASTILLEJA MINIATA	DOUGL. EX HOOK.	INDIAN-PAINTBRUSH,SCARLET	FAC	FACU,FACW	PNF
CASTILLEJA SULPHUREA	RYDB.	INDIAN-PAINTBRUSH,SULPHUR	FAC	FACU,FACW-	PNF
CATABROSA AQUATICA	(L.) BEAUV.	BROOKGRASS	OBL	OBL	PNG
CATALPA SPECIOSA	(WARDER EX BARNEY) WARDER EX ENGELM.	CATALPA,NORTHERN	FACU	FACU,FAC	NT
CELASTRUS SCANDENS	L.	BITTER-SWEET,AMERICAN	NI	UPL,FACU	NSWV
CELTIS OCCIDENTALIS	L.	HACKBERRY,COMMON	FACU	FACU,FAC	NTS
CENTAURIUM EXALTATUM	(GRISEB.) W. WIGHT EX PIPER	CENTAURY,TALL	NI	FACW,OBL	ANF
CENTUNCULUS MINIMUS	L.	CHAFFWEED	OBL	FACU-,OBL	ANF
CERASTIUM ARVENSE	L.	CHICKWEED,MOUSE-EAR	FACU	UPL,FACW	PNF
CERASTIUM BRACHYPODUM	(ENGELM. EX GRAY) B. ROB.	CHICKWEED,SHORT-STALK	FACU	FACU-,FAC	AIF
CERASTIUM NUTANS	RAF.	CHICKWEED,NODDING	FACU	FACU,FAC	ANF
CERASTIUM VULGATUM	L.	CHICKWEED,COMMON MOUSE-EAR	FACU	FACU-,FAC-	PIF
CERATOPHYLLUM DEMERSUM	L.	HORNWORT,COMMON	OBL	OBL	PN/F
CHENOPODIUM ALBUM	L.	GOOSEFOOT,WHITE	FAC	FACU,FAC	AIF
CHENOPODIUM AMBROSIOIDES	L.	WORMSEED,AMERICAN	FAC	FACU,FAC	AIF
CHENOPODIUM BOTRYS	L.	JERUSALEM-OAK	FACU	UPL,FACU	AIF
CHENOPODIUM FREMONTII	S. WATS.	GOOSEFOOT,FREMONT'S	FACU	UPL,FAC	ANF
CHENOPODIUM GLAUCUM	L.	GOOSEFOOT,OAKLEAF	FACW	FAC,FACW	AIF
CHENOPODIUM HUMILE	HOOK.	PIGWEED,MARSHLAND	FAC+	FAC+	ANF
CHENOPODIUM RUBRUM	L.	GOOSEFOOT,COAST-BLITE	OBL	FACW,OBL	ANF
CHENOPODIUM SALINUM	STANDL.	PIGWEED,ROCKY MOUNTAIN	NI	UPL,FACU	ANF
CICUTA BULBIFERA	L.	WATER-HEMLOCK,BULBLET-BEARING	OBL	OBL	PNF
CICUTA MACULATA	L.	WATER-HEMLOCK,SPOTTED	OBL	OBL	PNF
CINNA ARUNDINACEA	L.	WOOD-REEDGRASS,STOUT	FACW	FACW,FACW+	PNG
CINNA LATIFOLIA	(TREVIR.) GRISEB.	WOOD-REEDGRASS,SLENDER	OBL	FACW,OBL	PNG
CIRCAEA ALPINA	L.	NIGHTSHADE,SMALL ENCHANTER'S	FACW	FAC,FACW	PNF
CIRCAEA LUTETIANA	L.	NIGHTSHADE,SOUTHERN BROAD-LEAF ENCHANTER'S	FACU	FACU	PNF
CIRSIUM ARVENSE	(L.) SCOP.	THISTLE,CREEPING	FACU	FACU-,FAC	PIF
CIRSIUM FLODMANII	(RYDB.) ARTH.	THISTLE,FLODMAN'S	NI	FACU?	PNF
CIRSIUM MUTICUM	MICHX.	THISTLE,SWAMP	OBL	FACW+,OBL	BNF
CIRSIUM UNDULATUM	(NUTT.) SPRENG.	THISTLE,WAVY-LEAF	FAC	FACU,FAC	BPNF
CLAYTONIA PERFOLIATA	DONN EX WILLD.	LETTUCE,MINER'S	FACW	FAC-,FACW	ANF
CLEMATIS LIGUSTICIFOLIA	NUTT.	VIRGIN'S-BOWER,WESTERN	FACU	FACU,FACW	NWV
CLEMATIS VIRGINIANA	L.	VIRGIN'S-BOWER,VIRGINIA	FACU	FACU,FAC+	PNV
CLEOME LUTEA	HOOK.	SPIDER-FLOWER,YELLOW	FACU	UPL,FAC+	ANF
CLEOME MULTICAULIS	SESSE & MOCINO EX DC.	SPIDER-FLOWER,MANY-STEM	NI	FACW	ANF
CLEOME SERRULATA	PURSH	SPIDER-FLOWER,BEE	FACU	FACU-,FAC	ANF
COELOGLOSSUM VIRIDE	(L.) HARTM.	ORCHID,LONG-BRACT GREEN	FACU	FACU,FACW	PNF
COLLOMIA LINEARIS	NUTT.	COLLOMIA,NARROW-LEAF	FACU	UPL,FACU	ANF
COMMELINA COMMUNIS	L.	DAYFLOWER,ASIATIC	FAC-	FAC-,FAC	AIF
CONIOSELINUM CHINENSE	(L.) B.S.P.	HEMLOCK-PARSLEY	NI	FAC,FACW	PNF
CONIUM MACULATUM	L.	POISON-HEMLOCK	FAC	FAC,OBL	BIF
CONYZA CANADENSIS	(L.) CRONQ.	HORSEWEED,CANADA	FACU	UPL,FAC	ANF
CORALLORRHIZA MACULATA	(RAF.) RAF.	CORALROOT,SPOTTED	FACU-	UPL,FAC-	PN-F

CAREX TETANICA

CORALLORRHIZA MACULATA

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CORALLORRHIZA TRIFIDA	CHAT.	CORALROOT,EARLY	FAC	FAC,FACW	PN-F
CORALLORRHIZA WISTERANA	S. CONRAD	CORALROOT,SPRING	FACU	UPL,FAC	PN-F
COREOPSIS TINCTORIA	NUTT.	TICKSEED,GOLDEN	FAC	FACU,FAC	ANF
CORISPERMUM HYSSOPIFOLIUM	L.	TICK-SEED,COMMON	FACU	FACU	AIF
CORNUS AMOMUM	MILL.	DOGWOOD,SILKY	FACW	FACW,FACW+	NS
CORNUS CANADENSIS	L.	BUNCHBERRY,CANADA	FAC	FACU,FAC	NS
CORNUS DRUMMONDII	C.A. MEYER	DOGWOOD,ROUGH-LEAF	FAC	FAC	NT
CORNUS FOEMINA	MILL.	DOGWOOD,STIFF	FAC	FAC,FACW	NS
CORNUS STOLONIFERA	MICHX.	DOGWOOD,RED-OSIER	FACW	FAC,FACW+	NS
CRATAEGUS MOLLIS	SCHEELE	HAWTHORN,DOWNY	FACU	FACU,FACW-	NT
CREPIS RUNCINATA	(JAMES) TORR. & GRAY	HAWKSBEARD,DANDELION	FAC	FACU,FACW	PNF
CRYPTOTAENIA CANADENSIS	(L.) DC.	HONEWORT,CANADA	FACU	FACU,FAC+	PNF
CYCLOLOMA ATRIPLICIFOLIUM	(SPRENG.) COULT.	PIGWEED,WINGED	FAC	UPL,FAC	ANF
CYPERUS ACUMINATUS	TORR. & HOOK.	FLATSEDGE,SHORT-POINT	OBL	OBL	ABPNGL
CYPERUS ARISTATUS	ROTTB.	FLATSEDGE,AWNED	OBL	FACW+,OBL	ANGL
CYPERUS DIANDRUS	TORR.	FLATSEDGE,UMBRELLA	FACW	FACW,FACW+	ANGL
CYPERUS ENGELMANNII	STEUD.	FLATSEDGE,ENGELMANN	OBL	FACW+,OBL	ANGL
CYPERUS ERYTHRORHIZOS	MUHL.	FLATSEDGE,RED-ROOT	OBL	FACW+,OBL	APNEGL
CYPERUS ESCULENTUS	L.	CHUFA	FACW	FAC,FACW	PNGL
CYPERUS FERRUGINESCENS	BOECK.	FLATSEDGE,RUSTY	OBL	FAC,OBL	ANGL
CYPERUS FILICULMIS	VAHL	FLATSEDGE,SLENDER	FAC	UPL,FAC	PNGL
CYPERUS FUSCUS	L.	FLATSEDGE,BROWN	FACW	FAC,FACW	ANGL
CYPERUS ODORATUS	L.	FLATSEDGE,RUSTY	FACW+	FACW,FACW+	APNGL
CYPERUS RIVULARIS	KUNTH	FLATSEDGE,SHINING	FACW	FACW,OBL	ANGL
CYPERUS SCHWEINITZII	TORR.	FLATSEDGE,SCHWEINITZ'S	FACU	UPL,FAC	PNGL
CYPERUS STRIGOSUS	L.	FLATSEDGE,STRAW-COLOR	FACW	FACW	PNEGL
CYPRIPEDIUM CALCEOLUS	L.	LADY'S-SLIPPER,SMALL YELLOW	FACW	FACU,FACW	PNF
CYPRIPEDIUM CANDIDUM	MUHL. EX WILLD.	LADY'S-SLIPPER,SMALL WHITE	OBL	OBL	PNF
CYPRIPEDIUM REGINAE	WALTER	LADY'S-SLIPPER,SHOWY	FACW	FACW-,FACW+	PNF
CYPRIPEDIUM X ANDREWSII	A.M. FULLER	LADY'S-SLIPPER,ANDREW'S	FACW	FACW	PNF
CYSTOPTERIS BULBIFERA	(L.) BERNH.	FERN,BULBLET	FACW	FAC,FACW	PNF3
CYSTOPTERIS FRAGILIS	(L.) BERNH.	FERN,BRITTLE	FACU	FACU,FACU+	PNF3
DACTYLIS GLOMERATA	L.	GRASS,ORCHARD	FACU	FACU,FACU+	PIG
DALEA LEPORINA	(AIT.) A.A. BULLOCK	PRAIRIE-CLOVER,FOX-TAIL	NI	NI	ANF
DANTHONIA CALIFORNICA	BOLAND.	OATGRASS,CALIFORNIA	NI	FACU-,FACW	PNG
DANTHONIA INTERMEDIA	VASEY	OATGRASS,VASEY	FAC	FACU,FAC	PNG
DESCHAMPSIA CESPITOSA	(L.) BEAUV.	HAIRGRASS,TUFTED	FACW	FAC,FACW+	PNG
DESMANTHUS ILLINOENSIS	(MICHX.) MACMIL. EX B. ROB. & FERNALD	BUNDLE-FLOWER,PRAIRIE	FACU	UPL,FAC	PNF
DESMODIUM CANADENSE	(L.) DC.	TICK-TREFOIL,SHOWY	FACU	FACU,FAC	PNF
DICHANTHELIUM ACUMINATUM	(SWARTZ) GOULD & C.A. CLARK	GRASS,PANIC	FAC	FAC,FACW	PNG
DICHANTHELIUM LEIBERGII	(VASEY) FRECKM.	WITCHGRASS,LEIBERG'S	FACU	FACU,FAC	PNG
DICHANTHELIUM OLIGOSANTHES	(J.A. SCHULTES) GOULD	WITCHGRASS,HELLER'S	FACU	FACU,FAC	PNG
DICHANTHELIUM SCABRIUSCULUM	(ELLIOTT) GOULD & C.A. CLARK	GRASS,WOOLLY PANIC	NI	OBL	PNG
DIGITARIA SANGUINALIS	(L.) SCOP.	CRABGRASS,HAIRY	FACU	FACU-,FAC-	AIG
DIPSACUS SYLVESTRIS	HUDS.	TEASEL	NI	FAC?	BIF
DISPORUM TRACHYCARPUM	(S. WATS.) BENTH. & HOOK.	MADRIN,ROUGH-FRUIT	NI	FAC?	PNF
DISTICHLIS SPICATA	(L.) GREENE	SALTGRASS,SEASHORE	FACW	FAC+,FACW+	PNG
DISTICHLIS SPICATA	(L.) GREENE	SALTGRASS,INLAND	NI	FAC+,FACW	PNG
DODECATHEON PAUCIFLORUM	(DURAND) GREENE	SHOOTING-STAR,DARK-THROAT	FACW	FACW	PNF
DODECATHEON PULCHELLUM	(RAF.) MERRILL	SHOOTING-STAR,FEW-FLOWER	FACW-	FAC,FACW	PNF
DRABA AUREA	VAHL EX HORNEM.	WHITLOW-GRASS,GOLDEN	FAC	UPL,FAC	PNF
DRABA STENOLOBA	LEDEB.	WHITLOW-GRASS,ALASKA	NI	NI	ABPNF

CORALLORRHIZA TRIFIDA

DRABA STENOLOBA

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DRACOCEPHALUM PARVIFLORUM	NUTT.	DRAGON-HEAD,AMERICAN	FACU	FACU-,FACU	PNF
DRACOPIS AMPLEXICAULIS	(VAHL) CASS.	CONEFLOWER,CLASPING-LEAF	FACW	FACU-,FACW	ANF
DROSERA ROTUNDIFOLIA	L.	SUNDEW,ROUND-LEAF	OBL	OBL	PNEF
DRYOPTERIS CRISTATA	(L.) GRAY	SHIELD-FERN,CRESTED	OBL	FACW,OBL	PNEF3
DRYOPTERIS SPINULOSA	(O.F. MUELL.) WATT	WOODFERN,SPINULOSE	FACW	FAC+,FACW	F3
DULICHIUM ARUNDINACEUM	(L.) BRITTON	SEDGE,THREE-WAY	NI	OBL	PNEGL
ECHINOCHLOA CRUSGALLI	(L.) BEAUV.	GRASS,BARNYARD	FACW	FACU,FACW	AIG
ECHINOCHLOA MURICATA	(BEAUV.) FERNALD	GRASS,ROUGH BARNYARD	OBL	FAC,OBL	ANG
ECHINOCYSTIS LOBATA	(MICHX.) TORR. & GRAY	MOCK-CUCUMBER,WILD	FAC	FACU,FACW-	ANF
ECHINODORUS ROSTRATUS	(NUTT.) ENGELM.	BURHEAD,UPRIGHT	OBL	OBL	PNEF
ECLIPTA ALBA	(L.) HASSK.	YERBA DE TAJO	OBL	FAC,OBL	ANF
ELAEAGNUS ANGUSTIFOLIA	L.	OLIVE,RUSSIAN	FAC-	FACU-,FACW-	IST
ELAEAGNUS COMMUTATA	BERNH. EX RYDB.	SILVER-BERRY,AMERICAN	NI	UPL	NS
ELATINE TRIANDRA	SCHKUHR	WATER-WORT,THREE-STAMEN	OBL	OBL	ANE/F
ELEOCHARIS ACICULARIS	(L.) ROEM. & J.A. SCHULTES	SPIKERUSH,LEAST	OBL	OBL	PNEGL
ELEOCHARIS ATROPURPUREA	(RETZ.) J. & K. PRESL	SPIKERUSH,PURPLE	NI	FACW,FACW+	ANGL
ELEOCHARIS COMPRESSA	SULLIVANT	SPIKERUSH,FLAT-STEM	FACW	FACW,FACW+	PNEGL
ELEOCHARIS ENGELMANNII	STEUD.	SPIKERUSH,ENGELMANN'S	FACW	FACW,OBL	ANGL
ELEOCHARIS ERYTHROPODA	STEUD.	SPIKERUSH,BALD	OBL	OBL	PNGL
ELEOCHARIS MACROSTACHYA	BRITTON	SPIKERUSH,CREEPING	OBL	OBL	PNEGL
ELEOCHARIS OBTUSA	(WILLD.) J.A. SCHULTES	SPIKERUSH,BLUNT	OBL	OBL	APNEGL
ELEOCHARIS OVATA	(ROTH) ROEM. & J.A. SCHULTES	SPIKERUSH,OVATE	OBL	OBL	ANEGL
ELEOCHARIS PALUSTRIS	(L.) ROEM. & J.A. SCHULTES	SPIKERUSH,CREEPING	OBL	OBL	PNEGL
ELEOCHARIS PARVULA	(ROEM. & J.A. SCHULTES) LINK EX BLUFF & FINGERH.	SPIKERUSH,SMALL	OBL	OBL	PNGL
ELEOCHARIS PAUCIFLORA	(LIGHTF.) LINK	SPIKERUSH,FEW-FLOWER	OBL	OBL	PNGL
ELEOCHARIS QUADRANGULATA	(MICHX.) ROEM. & J.A. SCHULTES	SPIKERUSH,SQUARE-STEM	NI	OBL	PNEGL
ELEOCHARIS ROSTELLATA	(TORR.) TORR.	SPIKERUSH,BEAKED	OBL	OBL	PNGL
ELEOCHARIS SMALLII	BRITTON	SPIKERUSH,SMALL'S	OBL	OBL	PNGL
ELEOCHARIS WOLFII	(GRAY) GRAY EX BRITTON	SPIKERUSH,WOLF'S	OBL	OBL	PNEGL
ELEUSINE INDICA	(L.) GAERTN.	GOOSEGRASS,INDIA	FACU	UPL,FACU	AIG
ELODEA BIFOLIATA	H. ST. JOHN	WATER-WEED,TWO-LEAF	NI	OBL	PNZF
ELODEA CANADENSIS	MICHX.	WATER-WEED,BROAD	OBL	OBL	PNZF
ELODEA LONGIVAGINATA	H. ST. JOHN	WATER-WEED,LONG-SHEATH	OBL	OBL	PNZF
ELODEA NUTTALLII	(PLANCH.) H. ST. JOHN	WATER-WEED,NUTTALL'S	OBL	OBL	PNZF
ELYMUS CANADENSIS	L.	WILD-RYE,NODDING	FACU	FACU,FAC+	PNG
ELYMUS CINEREUS	SCRIBN. & MERRILL	WILD-RYE,BASIN	NI	FAC-?	PNG
ELYMUS GLAUCUS	BUCKLEY	WILD-RYE,BLUE	FACU	FACU	PNG
ELYMUS INNOVATUS	W.J. BEAL	WILD-RYE,NORTHWESTERN	NI	FACW?	PNG
ELYMUS JUNCEUS	FISCH.	WILD-RYE,RUSSIAN	FACU	FACU,FAC	PIG
ELYMUS VILLOSUS	MUHL. EX WILLD.	WILD-RYE,HAIRY	FACU	FACU-,FACU	PNG
ELYMUS VIRGINICUS	L.	WILD-RYE,VIRGINIA	FAC	FAC,FACW	PNG
EPILOBIUM ANAGALLIDIFOLIUM	LAM.	WILLOW-HERB,PIMPERNEL	NI	FACU-,FACW	PNF
EPILOBIUM ANGUSTIFOLIUM	L.	FIREWEED	FAC	FACU,FAC	PNF
EPILOBIUM BRACHYCARPUM	PRESL	WILLOW-HERB,PANICLED	NI	UPL	ANF
EPILOBIUM CILIATUM	RAF.	WILLOW-HERB,HAIRY	FACW	FACU,OBL	PNF
EPILOBIUM COLORATUM	BIEHLER	WILLOW-HERB,PURPLE-LEAF	OBL	OBL	PNF
EPILOBIUM HALLEANUM	HAUSSKN.	WILLOW-HERB,GLANDULAR	FACW+	FAC+,FACW+	PNF
EPILOBIUM HORNEMANNII	REICHENB.	WILLOW-HERB,HORNEMANN'S	FACW	FACW-,FACW+	PNF
EPILOBIUM LEPTOPHYLLUM	RAF.	WILLOW-HERB,LINEAR-LEAF	OBL	FACW,OBL	PNF
EPILOBIUM PALUSTRE	L.	WILLOW-HERB,MARSH	OBL	OBL	PNF
EPILOBIUM SAXIMONTANUM	HAUSSKN.	WILLOW-HERB,ROCKY MOUNTAIN	FACW+	FAC,FACW+	PNF
EPIPACTIS GIGANTEA	DOUGL. EX HOOK.	HELLOBORINE,GIANT	OBL	FACW+,OBL	PNF

DRACOCEPHALUM PARVIFLORUM

EPIPACTIS GIGANTEA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
EQUISETUM ARVENSE	L.	HORSETAIL,FIELD	FAC	FACU,FACW-	PNH2
EQUISETUM FLUVIATILE	L.	HORSETAIL,WATER	OBL	OBL	PNH2
EQUISETUM HYEMALE	L.	HORSETAIL,ROUGH	FACW	FAC+,FACW	PNH2
EQUISETUM LAEVIGATUM	A. BRAUN	SCOURING-RUSH,SMOOTH	FAC	FAC,FACW	PNH2
EQUISETUM PALUSTRE	L.	HORSETAIL,MARSH	FACW	FACW	PNH2
EQUISETUM PRATENSE	EHRH.	HORSETAIL,MEADOW	FACW	FACW	PNH2
EQUISETUM SCIRPOIDES	MICHX.	SCOURING-RUSH,DWARF	FAC	FACU,FAC+	PNH2
EQUISETUM SYLVATICUM	L.	HORSETAIL,WOODLAND	FACW	FACU,FACW	PNH2
EQUISETUM VARIEGATUM	SCHLEICH. EX F. WEBER & D.M.H. MOHR	HORSETAIL,VARIEGATED	FACW	FACW,FACW+	PNH2
EQUISETUM X FERRISSII	CLUTE	SCOURING-RUSH,INTERMEDIATE	FACW	FAC,FACW	PNH2
ERAGROSTIS CILIANENSIS	(ALL.) LINK EX MOSHER	STINKGRASS	FACU	FACU,FACU+	AIG
ERAGROSTIS HYPNOIDES	(LAM.) B.S.P.	LOVEGRASS,TEAL	OBL	FAC,OBL	ANG
ERAGROSTIS PECTINACEA	(MICHX.) NEES	LOVEGRASS,PURPLE	FAC	FACU,FAC	ANG
ERAGROSTIS PILOSA	(L.) BEAUV.	LOVEGRASS,INDIA	FACU	FACU	AIG
ERAGROSTIS REPTANS	(MICHX.) NEES	LOVEGRASS,HAIRY CREEPING	OBL	FACW+,OBL	ANG
ERECHTITES HIERACIIFOLIA	(L.) RAF. EX DC.	BURN,AMERICAN	NA	FACU,FAC	ANF
ERIGERON ACRIS	L.	FLEABANE,BITTER	FAC	FACU,FAC	BPF
ERIGERON ANNUUS	(L.) PERS.	FLEABANE,WHITE-TOP	FACU	FACU,FAC	ANF
ERIGERON FLAGELLARIS	GRAY	FLEABANE,TRAILING	FAC	FACU,FAC	BNF
ERIGERON FORMOSISSIMUS	GREENE	FLEABANE,BEAUTIFUL	FAC	UPL,FAC	PNF
ERIGERON LONCHOPHYLLUS	HOOK.	FLEABANE,LOW MEADOW	FACW	FAC,FACW	BNF
ERIGERON OXYDONTUS	LUNELL	FLEABANE	FACW	FACW	F
ERIGERON PHILADELPHICUS	L.	FLEABANE,PHILADELPHIA	FACW	FACU,OBL	BNF
ERIGERON STRIGOSUS	MUHL. EX WILLD.	FLEABANE,PRAIRIE	FACU	FACU,FAC	ANF
ERIOPHORUM ANGUSTIFOLIUM	HONCK.	COTTON-GRASS,NARROW-LEAF	OBL	OBL	PNGL
ERIOPHORUM CHAMISSONIS	C.A. MEYER	COTTON-GRASS,RUSSET	OBL	OBL	PNGL
ERIOPHORUM GRACILE	W. KOCH	COTTON-GRASS,SLENDER	OBL	OBL	PNEGL
ERIOPHORUM POLYSTACHION	L.	COTTON-GRASS,COLDSWAMP	OBL	OBL	PNGL
ERIOPHORUM VIRIDICARINATUM	(ENGELM.) FERNALD	COTTON-GRASS,GREEN-KEEL	OBL	OBL	PNEGL
ERYSIMUM CHEIRANTHOIDES	L.	WALLFLOWER,WORM-SEED	FACU	UPL,FAC	ANF
EUONYMUS ATROPURPUREUS	JACQ.	BURNING-BUSH,EASTERN	FACU	FACU,FAC+	NST
EUPATORIADELPHUS MACULATUS	(L.) R.M. KING & H. ROB.	JOE-PYE-WEED,SPOTTED	FACW+	FACW-,OBL	PNF
EUPATORIUM PERFOLIATUM	L.	BONESET,COMMON	OBL	FACW+,OBL	PNF
EUPHORBIA HETEROPHYLLA	L.	SPURGE,PAINTED	NI	UPL,FAC	ANF
EUPHORBIA MACULATA	L.	BROOMSPURGE,SPOTTED	FACU-	UPL,FACU	ANF
EUPHORBIA MARGINATA	PURSH	SNOW-ON-THE-MOUNTAIN	FACU	UPL,FACU	ANF
EUPHORBIA NUTANS	LAG.	BROOMSPURGE,EYEBANE	FACU-	FACU-,FACU	AIF
EUSTOMA GRANDIFLORUM	(RAF.) SHINNERS	PRAIRIE-GENTIAN,SHOWY	FACW	FAC-,FACW	APNF
EUTHAMIA CAMPORUM	GREENE	FRAGRANT-GOLDEN-ROD,VISCID	FACW	FACU,FACW	PNF
EUTHAMIA GRAMINIFOLIA	(L.) NUTT.	FRAGRANT-GOLDEN-ROD,FLAT-TOP	FACW	FAC,FACW	PNF
EUTHAMIA OCCIDENTALIS	NUTT.	FRAGRANT-GOLDEN-ROD,WESTERN	OBL	FACW,OBL	PNF
FESTUCA ARUNDINACEA	SCHREB.	FESCUE,KENTUCKY	NI	UPL,FACW-	PIG
FESTUCA OBTUSA	BIEHLER	FESCUE,NODDING	FACU	FACU,FAC	PNG
FESTUCA PRATENSIS	HUDS.	FESCUE,MEADOW	FAC	FACU-,FAC	PIG
FILAGINELLA ULIGINOSA	(L.) OPIZ	CUDWEED,LOW	FAC	UPL,FACW	N
FIMBRISTYLIS AUTUMNALIS	(L.) ROEM. & J.A. SCHULTES	FIMBRY,SLENDER	OBL	FACW+,OBL	GL
FLOERKEA PROSERPINACOIDES	WILLD.	MERMAID-WEED,FALSE	NI	FAC,OBL	ANF
FRAGARIA VIRGINIANA	DUCHESNE	STRAWBERRY,VIRGINIA	FACU	UPL,FAC	PNF
FRAXINUS NIGRA	MARSHALL	ASH,BLACK	FACW	FACW,FACW+	NT
FRAXINUS PENNSYLVANICA	MARSHALL	ASH,GREEN	FAC	FAC,FACW	NT
GALIUM APARINE	L.	BEDSTRAW,CATCHWEED	FACU	FACU,FAC-	ANF
GALIUM BOREALE	L.	BEDSTRAW,NORTHERN	FACU	FACU,FAC	PNF

EQUISETUM ARVENSE

GALIUM BOREALE

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GALIUM LABRADORICUM	(WIEGAND) WIEGAND	BEDSTRAW,NORTHERN BOG	OBL	OBL	PNF
GALIUM OBTUSUM	BIGEL.	BEDSTRAW,BLUNT-LEAF	OBL	FACW-,OBL	PNF
GALIUM TRIFIDUM	L.	BEDSTRAW,SMALL	OBL	FACW,OBL	PNF
GALIUM TRIFLORUM	MICHX.	BEDSTRAW,SWEET-SCENT	FACU	FACU,FACU+	PNF
GAURA NEOMEXICANA	WOOTON	BUTTERFLY-WEED,NEW MEXICO	NI	FACW,OBL	BNF
GAURA PARVIFLORA	DOUGL. EX LEHM.	BUTTERFLY-WEED,VELVET-LEAF	NI	FACU?	ANF
GENTIANA AFFINIS	GRISEB.	GENTIAN,PRAIRIE	FACU	FACU	PNF
GENTIANA ANDREWSII	GRISEB.	GENTIAN,FRINGE-TOP BOTTLE	FAC	FAC,FACW+	PNF
GENTIANELLA AMARELLA	(L.) BOERNER	GENTIAN,NORTHERN	FACW	FAC,OBL	ABNF
GENTIANOPSIS CRINITA	(FROEL.) MA	GENTIAN,FRINGED	OBL	FACW+,OBL	ABF
GENTIANOPSIS PROCERA	(TH. HOLM) MA	GENTIAN,LESSER FRINGED	OBL	OBL	ANF
GENTIANOPSIS VIRGATA	(RAF.) J. HOLUB	GENTIAN,LESSER FRINGED	OBL	FACW+,OBL	ANF
GERANIUM MACULATUM	L.	CRANE'S-BILL,PURPLE	FACU	FACU	PNF
GERANIUM RICHARDSONII	FISCH. & TRAUTV.	CRANE'S-BILL,RICHARDSON'S	FAC	FACU,FACW	PNF
GERANIUM VISCOSISSIMUM	FISCH. & C.A. MEYER	CRANE'S-BILL,STICKY	FACU	FACU,FAC	PNF
GEUM ALEPPICUM	JACQ.	AVENS,YELLOW	FACU	FACU,FACW+	PNF
GEUM CANADENSE	JACQ.	AVENS,WHITE	FACU	FACU,FAC	PNF
GEUM MACROPHYLLUM	WILLD.	AVENS,LARGE-LEAF	FACW	FACW,OBL	PNF
GEUM RIVALE	L.	AVENS,PURPLE	FACW	FAC,OBL	PNF
GEUM TRIFLORUM	PURSH	WHISKERS,OLD-MAN'S	FACU	UPL,FAC	PNF
GEUM VERNUM	(RAF.) TORR. & GRAY	AVENS,SPRING	NI	FACU-,FAC	PIF
GLAUX MARITIMA	L.	SEA-MILKWORT	OBL	FACW+,OBL	PI$F
GLECOMA HEDERACEA	L.	IVY,GROUND	FACU	UPL,FACU+	PIF
GLEDITSIA TRIACANTHOS	L.	HONEY-LOCUST	FACU	FACU,FAC	NTS
GLYCERIA BOREALIS	(NASH) BATCH.	GRASS,SMALL FLOATING MANNA	OBL	OBL	PNEG
GLYCERIA FLUITANS	(L.) R. BR.	GRASS,WATER MANNA	OBL	OBL	PIG
GLYCERIA MAXIMA	(HARTM.) O.R. HOLMBERG	MEADOWGRASS,REED	OBL	OBL	PIG
GLYCERIA STRIATA	(LAM.) A. HITCHC.	GRASS,FOWL MANNA	OBL	OBL	PNEG
GLYCYRRHIZA LEPIDOTA	PURSH	LICORICE,AMERICAN	FACU	UPL,FAC+	PNF
GNAPHALIUM CHILENSE	SPRENG.	CUDWEED,COTTON-BATTING	NI	FAC-,FAC+	ABIF
GNAPHALIUM PALUSTRE	NUTT.	CUDWEED,WESTERN MARSH	OBL	FAC+,OBL	ANF
GOODYERA OBLONGIFOLIA	RAF.	RATTLESNAKE-PLANTAIN,GIANT	FACU	UPL,FACU	PNF
GOODYERA REPENS	(L.) R. BR. IN W.T. AIT.	RATTLESNAKE-PLANTAIN,DWARF	FAC-	UPL,FACW	PNF
GRATIOLA AUREA	PURSH	HEDGEHYSSOP,GOLDEN	OBL	OBL	PNF
GRATIOLA NEGLECTA	TORR.	HEDGEHYSSOP,CLAMMY	OBL	OBL	ANEF
GYMNOCARPIUM DRYOPTERIS	(L.) E. NEWMAN	FERN,OAK	FACU	UPL,FAC	PNF3
HACKELIA FLORIBUNDA	(LEHM.) I. JOHNST.	STICKSEED,DAVIS MOUNTAIN	FACU	FACU-,FAC	BPNF
HACKELIA VIRGINIANA	(L.) I. JOHNST.	STICKSEED,VIRGINIA	FACU	FACU,FAC+	BPNF
HALENIA DEFLEXA	(J.F. SMITH) GRISEB.	SPURRED-GENTIAN,AMERICAN	NI	FAC	ANF
HAPLOPAPPUS LANCEOLATUS	(HOOK.) TORR. & GRAY	GOLDEN-WEED,LANCE-LEAF	FACU	FACU,FAC	PNF
HEDYSARUM ALPINUM	L.	SWEETVETCH,ALPINE	FACU	FACU,FAC-	PNF
HELENIUM AUTUMNALE	L.	SNEEZEWEED,COMMON	FACW	FACW-,OBL	PNF
HELIANTHELLA QUINQUENERVIS	(HOOK.) GRAY	ROCKROSE,NODDING	FACW	UPL,FACW	PNF
HELIANTHUS ANNUUS	L.	SUNFLOWER,COMMON	FACU	FACU,FAC	ANF
HELIANTHUS GROSSESERRATUS	M. MARTENS	SUNFLOWER,SAW-TOOTH	FACW	FAC,FACW	PNF
HELIANTHUS MAXIMILIANI	SCHRAD.	SUNFLOWER,MAXIMILIAN'S	FACU	UPL,FACU	PNF
HELIANTHUS NUTTALLII	TORR. & GRAY	SUNFLOWER,NUTTALL'S	FACW	FAC,FACW	PNF
HELIANTHUS TUBEROSUS	L.	JERUSALEM-ARTICHOKE	FACU	FACU,FAC	PNF
HELIOTROPIUM CURASSAVICUM	L.	HELIOTROPE,SEASIDE	OBL	FACW,OBL	API$F
HEMICARPHA DRUMMONDII	NEES	DWARF-BULLRUSH,DRUMMOND'S	OBL	FACW,OBL	ANGL
HEMICARPHA MICRANTHA	(VAHL) PAX	DWARF-BULLRUSH	OBL	FACW,OBL	ANGL
HERACLEUM LANATUM	MICHX.	COW-PARSNIP	FAC	FACU-,OBL	PNF

GALIUM LABRADORICUM

HERACLEUM LANATUM

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HERACLEUM SPHONDYLIUM	L.	COW-PARSNIP,AMERICAN	FAC	UPL,FAC	PIF
HETERANTHERA LIMOSA	(SWARTZ) WILLD.	MUD-PLANTAIN,BLUE	OBL	OBL	ANEF
HETEROTHECA SUBAXILLARIS	(LAM.) BRITTON & RUSBY	CAMPHOR-WEED	NI	UPL,FACU	ANF
HEUCHERA RICHARDSONII	R. BR.	ALUM-ROOT,RICHARDSON'S	FACU	FACU,FAC	PNF
HIEROCHLOE ODORATA	(L.) BEAUV.	GRASS,HOLY	FACW	FACU,FACW+	PNG
HIPPURIS VULGARIS	L.	MARE'S-TAIL,COMMON	OBL	OBL	PNZF
HORDEUM JUBATUM	L.	BARLEY,FOX-TAIL	FACW	FAC,FACW	PNG
HORDEUM PUSILLUM	NUTT.	BARLEY,LITTLE	FACU	FACU,FAC	ANG
HUMULUS LUPULUS	L.	HOP,COMMON	NI	FACU	PNVF
HYDROPHYLLUM VIRGINIANUM	L.	WATER-LEAF,VIRGINIA	FAC	FAC,FACW	PNF
HYPERICUM MAJUS	(GRAY) BRITTON	ST. JOHN'S-WORT,LARGE CANADIAN	FACW	FAC,FACW	ANF
HYPOXIS HIRSUTA	(L.) COVILLE	STARGRASS,EASTERN YELLOW	FACW	FAC,FACW	PNF
IMPATIENS CAPENSIS	MEERB.	TOUCH-ME-NOT,SPOTTED	FACW	FACW,FACW+	ANF
IMPATIENS PALLIDA	NUTT.	TOUCH-ME-NOT,PALE	FACW	FACW	ANF
IPOMOEA PURPUREA	(L.) ROTH	MORNING-GLORY,COMMON	FAC	UPL,FAC	AIV
IRIS MISSOURIENSIS	NUTT.	IRIS,ROCKY MOUNTAIN	FACW+	FACW-,OBL	PNF
IRIS PSEUDACORUS	L.	IRIS,YELLOW	NI	OBL	PIEF
ISOETES MELANOPODA	J. GAY	QUILLWORT,BLACKFOOT	OBL	OBL	PNEQ
IVA ANNUA	L.	SUMPWEED,ANNUAL	FAC	FAC	AIF
IVA AXILLARIS	PURSH	SUMPWEED,SMALL-FLOWER	FACU	FACU,FACW	PNEFH
IVA XANTHIFOLIA	NUTT.	SUMPWEED,COARSE	FACU	FACU,FAC+	ANF
JUGLANS NIGRA	L.	WALNUT,BLACK	FACU	FACU	NT
JUNCUS ACUMINATUS	MICHX.	RUSH,TAPER-TIP	NI	OBL	PNEGL
JUNCUS ALPINUS	VILLARS	RUSH,RICHARDSON'S	OBL	OBL	PNGL
JUNCUS ARTICULATUS	L.	RUSH,JOINTED	OBL	OBL	PNGL
JUNCUS BALTICUS	WILLD.	RUSH,BALTIC	OBL	FACW,OBL	PNGL
JUNCUS BRACHYCEPHALUS	(ENGELM.) BUCHENAU	RUSH,SMALL-HEAD	OBL	OBL	PNGL
JUNCUS BREVICAUDATUS	(ENGELM.) FERNALD	RUSH,NARROW-PANICLE	OBL	OBL	PNGL
JUNCUS BUFONIUS	L.	RUSH,TOAD	OBL	FACW,OBL	ANGL
JUNCUS EFFUSUS	L.	RUSH,SOFT	OBL	FACW+,OBL	PNEGL
JUNCUS ENSIFOLIUS	WIKST.	RUSH,THREE-STAMEN	FACW	FACW,FACW+	PNGL
JUNCUS GERARDII	LOISELEUR	RUSH,SALTMEADOW	FAC	FAC,OBL	PNGL
JUNCUS INTERIOR	WIEGAND	RUSH,INLAND	FACW	FACU,FACW	PNGL
JUNCUS LONGISTYLIS	TORR.	RUSH,LONG-STYLE	FACW	FACW,FACW+	PNGL
JUNCUS NODOSUS	L.	RUSH,KNOTTED	OBL	OBL	PNGL
JUNCUS SAXIMONTANUS	A. NELS.	RUSH,ROCKY MOUNTAIN	FACW	FACW,OBL	PNGL
JUNCUS TENUIS	WILLD.	RUSH,SLENDER	FAC	FAC-,FACW	PNGL
JUNCUS TORREYI	COVILLE	RUSH,TORREY'S	FACW	FACW,FACW+	PNGL
JUNCUS VASEYI	ENGELM.	RUSH,VASEY'S	FACW	FACW,OBL	PNGL
JUNIPERUS HORIZONTALIS	MOENCH	JUNIPER,CREEPING	FACU	UPL,FAC-	NS
JUNIPERUS VIRGINIANA	L.	CEDAR,EASTERN RED	FACU-	FACU-,FACU	NT
KOCHIA SCOPARIA	(L.) SCHRAD.	SUMMER-CYPRESS,MEXICAN	FAC	UPL,FAC	AIF
LACTUCA BIENNIS	(MOENCH) FERNALD	LETTUCE,BIENNIAL	FAC	FACU,FAC+	ABNF
LACTUCA CANADENSIS	L.	LETTUCE,TALL YELLOW	FACU	FACU-,FAC+	ABNF
LACTUCA FLORIDANA	(L.) GAERTN.	LETTUCE,WOODLAND	FAC	FACU-,FAC+	ABNF
LACTUCA LUDOVICIANA	(NUTT.) RIDDELL	LETTUCE,BIENNIAL	FAC-	UPL,FAC	BPNF
LACTUCA PULCHELLA	(PURSH) DC.	LETTUCE,CHICORY	FACU	FACU,FAC	PNF
LACTUCA SERRIOLA	L.	LETTUCE,PRICKLY	FACU	FACU,FAC	ABIF
LAPORTEA CANADENSIS	(L.) WEDD.	WOOD-NETTLE,CANADA	FAC	FAC,FACW	PNF
LATHYRUS PALUSTRIS	L.	PEAVINE,VETCHLING	FAC	FAC,OBL	PNF
LATHYRUS VENOSUS	MUHL. EX WILLD.	PEAVINE,SMOOTH VEINY	FACW	FAC,FACW	PNF
LEDUM GROENLANDICUM	OEDER	LABRADOR-TEA,GREENLAND	NI	FACW,OBL	NS

HERACLEUM SPHONDYLIUM

LEDUM GROENLANDICUM

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LEERSIA ORYZOIDES	(L.) SWARTZ	CUTGRASS,RICE	OBL	OBL	PNG
LEERSIA VIRGINICA	WILLD.	WHITEGRASS	FACW	FACW	PNG
LEMNA GIBBA	L.	DUCKWEED,INFLATED	OBL	OBL	PN/F
LEMNA MINOR	L.	DUCKWEED,LESSER	OBL	OBL	PN/F
LEMNA PERPUSILLA	TORR.	DUCKWEED,MINUTE	OBL	OBL	PN/F
LEMNA TRISULCA	L.	DUCKWEED,STAR	OBL	OBL	PN/F
LEMNA VALDIVIANA	PHILIPPI	DUCKWEED,PALE	OBL	OBL	PN/F
LEPIDIUM DENSIFLORUM	SCHRAD.	PEPPER-GRASS,DENSE-FLOWER	FACU	FACU,FAC	ABNF
LEPIDIUM LATIFOLIUM	L.	PEPPER-GRASS,BROAD-LEAF	FACW	FACU,FACW	AIF
LEPIDIUM PERFOLIATUM	L.	PEPPER-GRASS,CLASPING	FACU	UPL,FAC	AIF
LEPIDIUM VIRGINICUM	L.	PEPPER-GRASS,POOR-MAN'S	FACU	UPL,FAC-	ABNF
LEPTOCHLOA FASCICULARIS	(LAM.) GRAY	SPRANGLE-TOP,BEARDED	OBL	FACW,OBL	ANG
LEPTOCHLOA FILIFORMIS	(LAM.) BEAUV.	SPRANGLE-TOP,RED	FACW	FAC,OBL	ANG
LESPEDEZA CAPITATA	MICHX.	BUSHCLOVER,ROUND-HEAD	FACU-	UPL,FACU	PNF
LIATRIS LANCIFOLIA	(GREENE) KITTELL	GAYFEATHER,LANCE-LEAF	FAC+	FAC+,FACW	PNF
LIATRIS LIGULISTYLIS	(A. NELS.) K. SCHUM.	GAYFEATHER,STRAP-STYLE	FAC	FAC-,FAC	PNF
LIATRIS PYCNOSTACHYA	MICHX.	GAYFEATHER,CATTAIL	FAC	FACU,FAC+	PNF
LILIUM CANADENSE	L.	LILY,CANADA	FACW	FAC,FACW	PNF
LILIUM PHILADELPHICUM	L.	LILY,WOOD	FAC	FACU-,FACW+	PNF
LIMOSELLA AQUATICA	L.	MUDWORT,NORTHERN	OBL	OBL	APNEF
LINDERNIA ANAGALLIDEA	(MICHX.) PENNELL	FALSE-PIMPERNEL	OBL	FACW+,OBL	ANF
LINDERNIA DUBIA	(L.) PENNELL	FALSE-PIMPERNEL,YELLOW-SEED	OBL	OBL	ANF
LINNAEA BOREALIS	L.	TWINFLOWER	FACU	UPL,FAC	PNHF
LIPARIS LOESELII	(L.) L.C. RICH.	ORCHID,FEN	OBL	FACW-,OBL	PNF
LISTERA CONVALLARIOIDES	(SWARTZ) NUTT. EX ELLIOTT	TWAYBLADE,BROAD-LEAF	FACW	FACU,FACW	PNF
LOBELIA KALMII	L.	LOBELIA,BROOK	OBL	OBL	PNF
LOBELIA SIPHILITICA	L.	LOBELIA,GREAT BLUE	OBL	FACW+,OBL	PNF
LOBELIA SPICATA	LAM.	LOBELIA,PALE-SPIKE	FAC	FAC-,FAC	PNF
LOLIUM PERENNE	L.	RYEGRASS,PERENNIAL	FACU	FACU-,FAC	PIG
LONICERA DIOICA	L.	HONEYSUCKLE,MOUNTAIN	FACU	FACU	NWV
LONICERA TATARICA	L.	HONEYSUCKLE,TARTARIAN	NI	FACU	IS
LOTUS CORNICULATUS	L.	TREFOIL,BIRDS-FOOT	FACU	FACU-,FAC	PIF
LUZULA MULTIFLORA	(EHRH. EX HOFFM.) LEJ.	WOODRUSH,COMMON	FAC	FACU-,FAC	PNGL
LUZULA PARVIFLORA	(EHRH.) DESV.	WOODRUSH,SMALL-FLOWER	NI	FACU,FAC	PIGL
LYCOPODIUM COMPLANATUM	L.	CLUBMOSS,TRAILING	NI	UPL,FAC	PNC
LYCOPODIUM DENDROIDEUM	MICHX.	CLUBMOSS,TREE-LIKE	NI	FACU,FAC	C
LYCOPODIUM OBSCURUM	L.	CLUBMOSS,TREE	FACU	FACU-,FACU	PNC
LYCOPUS AMERICANUS	MUHL. EX W. BARTON	BUGLEWEED,AMERICAN	OBL	OBL	PNF
LYCOPUS ASPER	GREENE	BUGLEWEED,ROUGH	OBL	OBL	PNEF
LYCOPUS UNIFLORUS	MICHX.	BUGLEWEED,NORTHERN	OBL	OBL	PNF
LYSIMACHIA CILIATA	L.	LOOSESTRIFE,FRINGED	FACW	FACW-,FACW+	PNF
LYSIMACHIA HYBRIDA	MICHX.	LOOSESTRIFE,LOWLAND	OBL	OBL	PNF
LYSIMACHIA LANCEOLATA	WALTER	LOOSESTRIFE,LANCE-LEAF	FACW-	FAC,FACW-	PNF
LYSIMACHIA QUADRIFLORA	SIMS	LOOSESTRIFE,FOUR-FLOWER	FACW	FACW,OBL	PNF
LYSIMACHIA THYRSIFLORA	L.	LOOSESTRIFE,TUFTED	OBL	OBL	PIF
LYSIMACHIA VERTICILLATA	GREENE	LOOSESTRIFE	OBL	OBL	PNF
LYTHRUM ALATUM	PURSH	LOOSESTRIFE,WINGED	OBL	FACW+,OBL	PNH
LYTHRUM SALICARIA	L.	LOOSESTRIFE,PURPLE	OBL	FACW+,OBL	PIF
MADIA GLOMERATA	HOOK.	TARWEED,MOUNTAIN	FACU	UPL,FACU	ANF
MAIANTHEMUM CANADENSE	DESF.	WILD-LILY-OF-THE-VALLEY	FACU	FACU,FAC	PNF
MARRUBIUM VULGARE	L.	HOREHOUND,COMMON	FAC	UPL,FACW-	PIF
MARSILEA VESTITA	HOOK. & GREV.	FERN,HAIRY WATER	OBL	OBL	PNEP3

LEERSIA ORYZOIDES

MARSILEA VESTITA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
MATRICARIA MARITIMA	L.	MAYWEED,FALSE	FAC	UPL,FAC	AIF
MATRICARIA MATRICARIOIDES	(LESS.) T. PORTER	PINEAPPLE-WEED	FACU	UPL,FACU	ANF
MATRICARIA PERFORATA	MERAT	MAYWEED,SCENTLESS	FAC	UPL,FAC	N
MATTEUCCIA STRUTHIOPTERIS	(L.) TODARO	FERN,OSTRICH	FACW	FACW	PNF3
MEDICAGO LUPULINA	L.	MEDIC,BLACK	FACU	UPL,FAC	AIF
MELILOTUS ALBA	MEDIC.	SWEETCLOVER,WHITE	FACU-	FACU-,FACU+	ABIF
MELILOTUS OFFICINALIS	LAM.	SWEETCLOVER,YELLOW	FACU-	FACU-,FACU+	ABIF
MENISPERMUM CANADENSE	L.	MOONSEED,CANADA	NI	FAC	NWV
MENTHA ARVENSIS	L.	MINT,FIELD	FACW	FAC,FACW	PNF
MENTHA SPICATA	L.	SPEARMINT	NI	FACW,OBL	PIF
MENYANTHES TRIFOLIATA	L.	BUCKBEAN	OBL	OBL	PNEF
MERTENSIA CILIATA	(E. JAMES EX TORR.) G. DON	BLUEBELLS,STREAMSIDE	FACW	FACW,OBL	PNF
MIMULUS FLORIBUNDUS	LINDL.	MONKEY-FLOWER,FLORIFEROUS	OBL	FACW+,OBL	ANF
MIMULUS GLABRATUS	H.B.K.	MONKEY-FLOWER,ROUND-LEAF	OBL	OBL	PNEF
MIMULUS GUTTATUS	DC.	MONKEY-FLOWER,COMMON LARGE	OBL	OBL	ANF
MIMULUS RINGENS	L.	MONKEY-FLOWER,ALLEGHANY	OBL	OBL	PNF
MINUARTIA RUBELLA	(WAHLENB.) HIERN	STITCHWORT,BOREAL	FAC	UPL,FAC	APNF
MITELLA NUDA	L.	BISHOP'S-CAP,NAKED	OBL	FAC,OBL	PNF
MOEHRINGIA LATERIFLORA	(L.) FENZL	SANDWORT,GROVE	FACU	UPL,FAC	PNF
MOLLUGO VERTICILLATA	L.	CARPET-WEED,GREEN	FAC	FAC-,FAC	ANF
MONOLEPIS NUTTALLIANA	(J.A. SCHULTES) GREENE	POVERTY-WEED,NUTTALL'S	FAC	UPL,FACW	ANF
MONOTROPA UNIFLORA	L.	INDIAN-PIPE	FACU	UPL,FACU	PN-$F
MORUS ALBA	L.	MULBERRY,WHITE	FACU	UPL,FAC	IT
MUHLENBERGIA ASPERIFOLIA	(NEES & MEYEN EX TRIN.) PARODI	MUHLY,ALKALI	FACW	FACW,FACW+	PNG
MUHLENBERGIA FILIFORMIS	(THURB. EX S. WATS.) RYDB.	MUHLY,PULLUP	FACW	FACW,OBL	ANG
MUHLENBERGIA FRONDOSA	(POIR.) FERNALD	MUHLY,WIRE-STEM	FACW	FAC,FACW	PNG
MUHLENBERGIA GLOMERATA	(WILLD.) TRIN.	MUHLY,MARSH	FACW+	FACW,FACW+	PNG
MUHLENBERGIA MEXICANA	(L.) TRIN.	MUHLY,MEXICAN	FACW	FAC,FACW	PNG
MUHLENBERGIA MINUTISSIMA	(STEUD.) SWALLEN	MUHLY,LEAST	FAC-	FACU-,FAC	ANG
MUHLENBERGIA RACEMOSA	(MICHX.) B.S.P.	MUHLY,GREEN	FACW	FACU,FACW	PNG
MUHLENBERGIA RICHARDSONIS	(TRIN.) RYDB.	MUHLY,MAT	FAC	FACU,FACW	PNG
MUHLENBERGIA SYLVATICA	TORR. EX GRAY	MUHLY,FOREST	FACW	FAC+,FACW	PNG
MYOSOTIS SCORPIOIDES	L.	FORGET-ME-NOT,TRUE	OBL	FAC,OBL	PIF
MYOSOTIS SYLVATICA	HOFFM.	FORGET-ME-NOT,WOODLAND	FACW	UPL,FACW	PIF
MYOSOTIS VERNA	NUTT.	FORGET-ME-NOT,SPRING	FAC	FAC-,FAC	AIF
MYOSURUS ARISTATUS	BENTH. EX HOOK.	MOUSE-TAIL,SEDGE	NI	OBL	ANF
MYOSURUS MINIMUS	L.	MOUSE-TAIL,TINY	OBL	FACW-,OBL	ANF
MYRIOPHYLLUM HETEROPHYLLUM	MICHX.	WATER-MILFOIL,TWO-LEAF	OBL	OBL	PNZF
MYRIOPHYLLUM PINNATUM	(WALTER) B.S.P.	WATER-MILFOIL,CUT-LEAF	OBL	OBL	PNEZF
MYRIOPHYLLUM SPICATUM	L.	WATER-MILFOIL,EURASIAN	OBL	OBL	PNZF
MYRIOPHYLLUM VERTICILLATUM	L.	WATER-MILFOIL,WHORLED	OBL	OBL	PNZF
NAJAS FLEXILIS	(WILLD.) ROSTK. & W.L.E. SCHMIDT	NAIAD,SLENDER	OBL	OBL	ANZF
NAJAS GUADALUPENSIS	(SPRENG.) MORONG	NAIAD,SOUTHERN	OBL	OBL	ANZF
NAJAS MARINA	L.	NAIAD,SPINY	OBL	OBL	ANZF
NASTURTIUM OFFICINALE	R. BR. IN W.T. AIT.	WATER-CRESS,TRUE	OBL	OBL	PIZEF
NAVARRETIA PROPINQUA	SUKSD.	NAVARRETIA,GREAT BASIN	FAC	FAC	ANF
NEPETA CATARIA	L.	CATNIP	FACU	FACU-,FACW-	PIF
NUPHAR LUTEUM	(L.) SIBTH. & J.E. SMITH	COW-LILY,YELLOW	OBL	OBL	PNZF
NYMPHAEA ODORATA	SOLAND. IN AIT.	WATER-LILY,WHITE	NI	OBL	PNZ/F
NYMPHAEA TUBEROSA	PAINE	WATER-LILY,WHITE	NI	OBL	PNZF
OENOTHERA BIENNIS	L.	EVENING-PRIMROSE,COMMON	FACU	FACU-,FACU+	BIF
OENOTHERA CANESCENS	TORR. & FREM.	EVENING-PRIMROSE,SPOTTED	FAC	FAC,FACW-	PNF

MATRICARIA MARITIMA

OENOTHERA CANESCENS

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

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OENOTHERA ELATA	H.B.K.	EVENING-PRIMROSE,HOOKER'S	NI	FACU-,FACW	BPNF
OENOTHERA FLAVA	(A. NELS.) GARRETT	EVENING-PRIMROSE,YELLOW	FACW	FAC+,FACW	PNF
OENOTHERA LACINIATA	J. HILL	EVENING-PRIMROSE,CUT-LEAF	FACU	FACU-,FAC	ANF
OENOTHERA PERENNIS	L.	EVENING-PRIMROSE,SMALL	NI	FAC-,FAC	PNF
OENOTHERA RHOMBIPETALA	NUTT. EX TORR. & GRAY	EVENING-PRIMROSE,FOUR-POINT	FACU	FACU-,FACU	ABNF
OENOTHERA VILLOSA	THUNB.	EVENING-PRIMROSE,HAIRY	FACU	FACU,FACW	BPNF
ONOCLEA SENSIBILIS	L.	FERN,SENSITIVE	FACW	FACW	PNEF3
OPHIOGLOSSUM VULGATUM	L.	ADDER'S-TONGUE,NORTHERN	FACW	FAC,FACW	PNF3
ORNITHOGALUM UMBELLATUM	L.	STAR-OF-BETHLEHEM,COMMON	FACU	FACU,FAC-	PIF
ORTHOCARPUS LUTEUS	NUTT.	OWL'S-CLOVER,YELLOW	FACU	FACU-,FACU	AN+F
ORYZOPSIS HYMENOIDES	(ROEM. & J.A. SCHULTES) RICKER EX PIPER	RICEGRASS,INDIAN	FACU	UPL,FACU+	PNG
OSMORHIZA CLAYTONII	(MICHX.) C.B. CLARKE	SWEETCICELY,HAIRY	FACU	FACU-,FAC-	PNF
OSMORHIZA LONGISTYLIS	(TORR.) DC.	SWEETCICELY,SMOOTHER	FACU	FACU-,FACW	PNF
OSTRYA VIRGINIANA	(MILL.) K. KOCH	HOP-HORNBEAM,EASTERN	FACU	FACU-,FACU+	NT
OXALIS CORNICULATA	L.	WOODSORREL,CREEPING	FACU	UPL,FACU	PIF
OXALIS EUROPAEA	JORDAN	WOODSORREL,UPRIGHT YELLOW	FACU	UPL,FACU	PIF
OXYTROPIS DEFLEXA	(PALLAS) DC.	CRAZY-WEED,HANGPOD	FACU	FACU,FACW	PNF
OXYTROPIS SPLENDENS	DOUGL. EX HOOK.	CRAZY-WEED,SHOWY	FACU	UPL,FAC	PNF
PANICUM CAPILLARE	L.	WITCHGRASS	FAC	FACU,FAC	ANG
PANICUM DICHOTOMIFLORUM	MICHX.	GRASS,FALL PANIC	FAC	FAC,FACW	ANG
PANICUM FLEXILE	(GATT.) SCRIBN.	WITCHGRASS,WIRY	NI	FACU,FACW+	ANG
PANICUM VIRGATUM	L.	SWITCHGRASS	FAC	FAC,FACW	PNG
PARIETARIA PENSYLVANICA	MUHL. EX WILLD.	PELLITORY,PENNSYLVANIA	FACU	FACU-,FACW-	ANF
PARNASSIA GLAUCA	RAF.	GRASS-OF-PARNASSUS,WAXY	OBL	OBL	PNF
PARNASSIA PALUSTRIS	L.	GRASS-OF-PARNASSUS,NORTHERN	OBL	FACW,OBL	PNF
PARNASSIA PARVIFLORA	DC.	GRASS-OF-PARNASSUS,SMALL-FLOWER	OBL	OBL	PNF
PARTHENOCISSUS QUINQUEFOLIA	(L.) PLANCH.	CREEPER,VIRGINIA	FAC	FACU,FAC	NWV
PARTHENOCISSUS VITACEA	(KNERR) A. HITCHC.	CREEPER,THICKET	FACU	FACU,FACW-	NWV
PEDICULARIS CANADENSIS	L.	LOUSEWORT,EARLY WOOD	FACU	FACU,FAC+	PNF
PEDICULARIS GRAYI	A. NELS.	LOUSEWORT,GRAY	FAC	FACU,FAC	PNF
PEDICULARIS LANCEOLATA	MICHX.	LOUSEWORT,SWAMP	OBL	FACW,OBL	PNF
PENSTEMON DIGITALIS	NUTT.	BEARDTONGUE,FOXGLOVE	FAC	FAC-,FACW-	PNF
PENSTEMON GRACILIS	NUTT.	BEARDTONGUE,SLENDER	FACU	UPL,FACU	PNF
PENSTEMON PROCERUS	DOUGL. EX R. GRAH.	BEARDTONGUE,SMALL-FLOWER	NI	FAC	PNF
PENTHORUM SEDOIDES	L.	DITCH-STONECROP	OBL	OBL	PNF
PERIDERIDIA GAIRDNERI	(HOOK. & ARN.) MATHIAS	YAMPAH,GAIRDNER'S	FACU	FACU,FACW	PF
PETASITES FRIGIDUS	(L.) FR.	COLTSFOOT,ARCTIC SWEET	FAC	FAC,FACW	PNF
PETASITES PALMATUS	(AIT.) GRAY	COLTSFOOT,SWEET	FACW+	FAC,FACW+	PNF
PETASITES SAGITTATUS	(BANKS EX PURSH) GRAY	COLTSFOOT,ARROW-LEAF SWEET	FACW+	FAC,OBL	PNF
PHALARIS ARUNDINACEA	L.	GRASS,REED CANARY	FACW+	FACW,OBL	PNG
PHALARIS CANARIENSIS	L.	GRASS,COMMON CANARY	FACU	UPL,FACU+	AIG
PHLEUM ALPINUM	L.	TIMOTHY,ALPINE	FACW	FACU,FACW	PNG
PHLEUM PRATENSE	L.	TIMOTHY	FACU	FACU	PIG
PHLOX KELSEYI	BRITTON	PHLOX,KELSEY'S	NI	OBL?	PNF
PHLOX PILOSA	L.	PHLOX,DOWNY	NI	FACU,FAC	PNF
PHRAGMITES AUSTRALIS	(CAV.) TRIN. EX STEUD.	REED,COMMON	FACW	FACW,FACW+	PNEG
PHRYMA LEPTOSTACHYA	L.	LOPSEED,AMERICAN	FAC	UPL,FAC	PNF
PHYLA CUNEIFOLIA	(TORR.) GREENE	FROG-FRUIT,WEDGE-LEAF	FAC	FAC,FACW	PNF
PHYLA LANCEOLATA	(MICHX.) GREENE	FROG-FRUIT,LANCE-LEAF	OBL	FACW,OBL	PNF
PHYSOCARPUS MONOGYNUS	(TORR.) COULT.	NINEBARK,MOUNTAIN	FACU	UPL,FAC	NS
PHYSOCARPUS OPULIFOLIUS	(L.) MAXIM.	NINEBARK,EASTERN	FACU	UPL,FACW-	NS
PHYSOSTEGIA PARVIFLORA	NUTT. EX GRAY	DRAGON-HEAD,PURPLE	FACW	FACW-,OBL	PNF

OENOTHERA ELATA

PHYSOSTEGIA PARVIFLORA

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PHYSOSTEGIA VIRGINIANA	(L.) BENTH.	DRAGON-HEAD,FALSE	OBL	FAC+,OBL	PNF
PICEA GLAUCA	(MOENCH) VOSS	SPRUCE,WHITE	FACU	FACU	NT
PILEA FONTANA	(LUNELL) RYDB.	CLEARWEED,SPRINGS	OBL	FACW,OBL	ANF
PILEA PUMILA	(L.) GRAY	CLEARWEED,CANADA	FACW	FAC,FACW	ANF
PINUS CONTORTA	DOUGL. EX LOUDON	PINE,LODGE-POLE	FACU	FACU-,FAC	NT
PIPERIA UNALASCENSIS	(SPRENG.) RYDB.	REINORCHID,ALASKA	FAC	UPL,FAC	PNF
PLAGIOBOTHRYS SCOULERI	(HOOK. & ARN.) I. JOHNST.	POPCORN-FLOWER,SCOULER	FACW+	FACW,OBL	ANF
PLANTAGO ELONGATA	PURSH	PLANTAIN,SLENDER	FACW	FAC,FACW+	ANF
PLANTAGO ERIOPODA	TORR.	PLANTAIN,SALINE	FAC	FACU,FACW	PNF
PLANTAGO LANCEOLATA	L.	PLANTAIN,ENGLISH	FAC	UPL,FAC	ABPIF
PLANTAGO MAJOR	L.	PLANTAIN,COMMON	FAC	FACU,FACW	PIF
PLANTAGO PUSILLA	NUTT.	PLANTAIN,DWARF	NI	UPL,FAC	ANF
PLANTAGO RUGELII	DECNE.	PLANTAIN,BLACK-SEED	FACU	FACU,FAC	PNF
PLANTAGO VIRGINICA	L.	PLANTAIN,PALE-SEED	FACU-	UPL,FACW	ANF
PLATANTHERA DILATATA	(PURSH) LINDL. EX BECK	ORCHID,LEAFY WHITE	FACW	FACW,FACW+	PNF
PLATANTHERA HYPERBOREA	(L.) LINDL.	ORCHID,NORTHERN GREEN	FACW+	FACW,FACW+	PNF
PLATANTHERA LEUCOPHAEA	(NUTT.) LINDL.	ORCHID,PRAIRIE WHITE-FRINGE	FACW	FACW,OBL	PNF
PLATANTHERA ORBICULATA	(PURSH) LINDL.	ORCHID,LARGE ROUND-LEAF	FAC	FACU,FACW	PNF
PLATANTHERA STRICTA	LINDL.	BOGORCHID,SLENDER	FACW	FACW	PNF
PLATANTHERA X CLAVELLATA	(MICHX.) LUER	ORCHID,SMALL GREEN WOODLAND	OBL	FACW+,OBL	PNF
POA AMPLA	MERRILL	BLUEGRASS,BIG	FAC-	UPL,FAC-	PNG
POA ANNUA	L.	BLUEGRASS,ANNUAL	FACU	FACU,FACW-	AIG
POA ARIDA	VASEY	BLUEGRASS,PLAINS	FAC	UPL,FAC	PNG
POA COMPRESSA	L.	BLUEGRASS,CANADA	FACU	FACU-,FAC	PIG
POA FENDLERANA	(STEUD.) VASEY	BLUEGRASS,MUTTON	FACU-	UPL,FACU	PNG
POA GLAUCIFOLIA	SCRIBN. & T.A. WILLIAMS	BLUEGRASS,SWALLEN'S	FACW	FAC,FACW	PNG
POA JUNCIFOLIA	SCRIBN.	BLUEGRASS,ALKALI	FAC	FACU,FAC	PNG
POA NEMORALIS	L.	BLUEGRASS,WOODS	FAC-	FAC-,FACW	PNG
POA NEVADENSIS	VASEY EX SCRIBN.	BLUEGRASS,NEVADA	FAC	FACU-,FACW	PNG
POA PALUSTRIS	L.	BLUEGRASS,FOWL	FACW	FACU,FACW+	PNG
POA PRATENSIS	L.	BLUEGRASS,KENTUCKY	FACU	FACU,FAC-	PNG
POA SYLVESTRIS	GRAY	BLUEGRASS,WOODLAND	FACU	FACU,FACW	PNG
POA TRIVIALIS	L.	BLUEGRASS,ROUGH	FACW	FAC,FACW	PIG
POGONIA OPHIOGLOSSOIDES	(L.) JUSS.	POGONIA,ROSE	NI	OBL	PNEF
POLANISIA DODECANDRA	(L.) DC.	CLAMMY-WEED,ROUGH-SEED	FACU	UPL,FACU	ANF
POLYGALA SANGUINEA	L.	MILKWORT,RED	FACW	FACU,FACW	ANF
POLYGALA SENEGA	L.	SNAKEROOT,SENECA	FACU	FACU	PNF
POLYGONUM ACHOREUM	BLAKE	KNOTWEED,LEATHERY	FACU	FACU,FAC	ANF
POLYGONUM AMPHIBIUM	L.	SMARTWEED,WATER	OBL	OBL	PNE/F
POLYGONUM AVICULARE	L.	KNOTWEED,PROSTRATE	FACU	UPL,FACW	APIF
POLYGONUM CONVOLVULUS	L.	BINDWEED,BLACK	FAC	FACU-,FAC	AIVF
POLYGONUM DOUGLASII	GREENE	KNOTWEED,DOUGLAS'	FAC	UPL,FAC	ANF
POLYGONUM ERECTUM	L.	KNOTWEED,ERECT	OBL	FACU-,OBL	ANEF
POLYGONUM HYDROPIPER	L.	SMARTWEED,MARSHPEPPER	OBL	FACW,OBL	AIEF
POLYGONUM HYDROPIPEROIDES	MICHX.	SMARTWEED,SWAMP	OBL	OBL	PNEF
POLYGONUM LAPATHIFOLIUM	L.	WILLOW-WEED	OBL	FAC,OBL	ANF
POLYGONUM PENSYLVANICUM	L.	SMARTWEED,PENNSYLVANIA	FACW	FACW-,OBL	ANEF
POLYGONUM PERSICARIA	L.	THUMB,LADY'S	FACW	FAC,OBL	AIF
POLYGONUM PUNCTATUM	ELLIOTT	SMARTWEED,DOTTED	OBL	FACW,OBL	PNEF
POLYGONUM RAMOSISSIMUM	MICHX.	KNOTWEED,BUSHY	FACU	FACU-,FACW	ANF
POLYGONUM SAGITTATUM	L.	TEARTHUMB,ARROW-LEAF	OBL	OBL	APNF
POLYGONUM SCANDENS	L.	FALSE-BUCKWHEAT,CLIMBING	FACU	FACU,FACW	PNV

PHYSOSTEGIA VIRGINIANA

POLYGONUM SCANDENS

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POLYGONUM VIVIPARUM	L.	KNOTWEED,VIVIPAROUS	FACW	FAC,FACW	PNF
POLYPOGON MONSPELIENSIS	(L.) DESF.	GRASS,ANNUAL RABBIT-FOOT	OBL	FACW,OBL	AIG
POLYSTICHUM LONCHITIS	(L.) ROTH	FERN,NORTHERN HOLLY	FACU-	UPL,FAC	PNF3
POPULUS ANGUSTIFOLIA	E. JAMES	COTTON-WOOD,NARROW-LEAF	FACW	FAC,FACW	NT
POPULUS BALSAMIFERA	L.	POPLAR,BALSAM	FACW	FACU,FACW	NT
POPULUS DELTOIDES	W. BARTRAM EX MARSHALL	COTTON-WOOD,EASTERN	FAC	FAC,FACW	NT
POPULUS TREMULA	L.	ASPEN,QUAKING	FAC	FACU,FAC+	IT
POPULUS X ACUMINATA	RYDB. (PRO SP.)	COTTON-WOOD,LANCE-LEAF	FAC	FAC,FACW	NT
PORTULACA OLERACEA	L.	PURSLANE,COMMON	FACU	FACU,FAC	AN$F
POTAMOGETON ALPINUS	BALB.	PONDWEED,ALPINE	OBL	OBL	PN/F
POTAMOGETON AMPLIFOLIUS	TUCKERMAN	PONDWEED,LARGE-LEAF	OBL	OBL	PN/F
POTAMOGETON CRISPUS	L.	PONDWEED,CURLY	OBL	OBL	PIZF
POTAMOGETON DIVERSIFOLIUS	RAF.	PONDWEED,WATER-THREAD	OBL	OBL	PN/F
POTAMOGETON EPIHYDRUS	RAF.	PONDWEED,RIBBON-LEAF	OBL	OBL	PN/F
POTAMOGETON FILIFORMIS	PERS.	PONDWEED,FINE-LEAF	OBL	OBL	PNZF
POTAMOGETON FOLIOSUS	RAF.	PONDWEED,LEAFY	OBL	OBL	PNZF
POTAMOGETON FRIESII	RUPR.	PONDWEED,FRIES'S	OBL	OBL	PNZF
POTAMOGETON GRAMINEUS	L.	PONDWEED,GRASSY	OBL	OBL	PNZF
POTAMOGETON ILLINOENSIS	MORONG	PONDWEED,ILLINOIS	OBL	OBL	PN/F
POTAMOGETON NATANS	L.	PONDWEED,FLOATING-LEAF	OBL	OBL	PN/F
POTAMOGETON NODOSUS	POIR.	PONDWEED,LONG-LEAF	OBL	OBL	PN/F
POTAMOGETON PECTINATUS	L.	PONDWEED,SAGO	OBL	OBL	PNZF
POTAMOGETON PRAELONGUS	WULFEN	PONDWEED,WHITE-STEM	OBL	OBL	PNZF
POTAMOGETON PUSILLUS	L.	PONDWEED,SMALL	OBL	OBL	PNZF
POTAMOGETON RICHARDSONII	(AR. BENN.) RYDB.	PONDWEED,RICHARDSON	OBL	OBL	PNZF
POTAMOGETON SPIRILLUS	TUCKERMAN	PONDWEED,SPIRAL	OBL	OBL	PN/F
POTAMOGETON STRICTIFOLIUS	AR. BENN.	PONDWEED,NARROW-LEAF	OBL	OBL	PNZF
POTAMOGETON VAGINATUS	TURCZ.	PONDWEED,SHEATHED	OBL	OBL	PNZF
POTAMOGETON ZOSTERIFORMIS	FERNALD	PONDWEED,FLAT-STEM	OBL	OBL	PNZF
POTENTILLA ANSERINA	L.	SILVERWEED	OBL	FACW,OBL	PNF
POTENTILLA ARGENTEA	L.	CINQUEFOIL,SILVER	FACU	UPL,FAC-	PIF
POTENTILLA ARGUTA	PURSH	CINQUEFOIL,TALL	FACU	UPL,FACU+	PNF
POTENTILLA BIENNIS	GREENE	CINQUEFOIL,BIENNIAL	FACW	FAC,FACW	ABNF
POTENTILLA DIVERSIFOLIA	LEHM.	CINQUEFOIL,VARILEAF	FACW	FACU,FACW	PNF
POTENTILLA FRUTICOSA	L.	CINQUEFOIL,SHRUBBY	FACW	FAC-,FACW	NS
POTENTILLA GLANDULOSA	LINDL.	CINQUEFOIL,GLAND	FAC	FACU,OBL	PNFH
POTENTILLA GRACILIS	DOUGL. EX HOOK.	CINQUEFOIL,NORTHWEST	FAC	FAC-,FACW	PNF
POTENTILLA MILLEGRANA	ENGELM. EX LEHM.	CINQUEFOIL,DIFFUSE	OBL	FAC+,OBL	ABNF
POTENTILLA NICOLLETII	(S. WATS.) SHELDON	CINQUEFOIL,NICOLLET'S	NI	FAC,FAC+	ABPNF
POTENTILLA NORVEGICA	L.	CINQUEFOIL,NORWEGIAN	FAC	FACU,FAC	ABPNF
POTENTILLA PALUSTRIS	(L.) SCOP.	CINQUEFOIL,MARSH	NI	OBL	PNF
POTENTILLA PARADOXA	NUTT.	CINQUEFOIL,BUSHY	FACW	FAC,OBL	ABPNF
POTENTILLA PENTANDRA	ENGELM.	CINQUEFOIL,FIVE-STAMEN	NI	FACW,FACW+	PNF
POTENTILLA PLATTENSIS	NUTT.	CINQUEFOIL,PLATTE	FACW+	FACW,OBL	PNF
POTENTILLA RIVALIS	NUTT.	CINQUEFOIL,BROOK	OBL	FACW,OBL	ANF
PRENANTHES ALBA	L.	RATTLESNAKE-ROOT,WHITE	FACU	FACU	PNF
PRENANTHES RACEMOSA	MICHX.	RATTLESNAKE-ROOT,GLAUCOUS	FACU	FACU-,FACW	PNF
PRIMULA INCANA	M.E. JONES	PRIMROSE,AMERICAN	FACW	FACW,OBL	PNF
PROBOSCIDEA LOUISIANICA	(MILL.) THELL.	UNICORN-PLANT,LOUISIANA	FACU	UPL,FAC+	ANF
PRUNELLA VULGARIS	L.	HEAL-ALL	FACW	FACU,FACW	PIF
PRUNUS PENSYLVANICA	L.F.	CHERRY,FIRE	FACU+	FACU-,FAC-	NST
PRUNUS SEROTINA	EHRH.	CHERRY,BLACK	FACU	FACU	NT

POLYGONUM VIVIPARUM

PRUNUS SEROTINA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
PRUNUS VIRGINIANA	L.	CHERRY,CHOKE	FACU-	FACU-,FAC	NST
PTERIDIUM AQUILINUM	(L.) KUHN	FERN,BRACKEN	FACU	FACU,FAC-	PNF3
PTILIMNIUM CAPILLACEUM	(MICHX.) RAF.	BISHOP-WEED,HAIR-LIKE MOCK	NI	FACW,OBL	ANEF
PUCCINELLIA AIROIDES	(NUTT.) S. WATS. & COULT.	GRASS,NUTTALL ALKALI	FACW	FACW,OBL	PNG
PUCCINELLIA DISTANS	(L.) PARLAT.	GRASS,WEEPING ALKALI	FACW	FACW,OBL	PIG
PUCCINELLIA NUTTALLIANA	(J.A. SCHULTES) A. HITCHC.	GRASS,NUTTALL'S ALKALI	OBL	FAC,OBL	PNG
PUCCINELLIA PAUCIFLORA	(J. PRESL) MUNZ	GRASS,WEAK MANNA	OBL	FACW,OBL	PNEG
PYCNANTHEMUM VIRGINIANUM	(L.) TH. DURAND & B.D. JACKS. EX B. ROB. & FERNALD	MOUNTAIN-MINT,VIRGINIA	FAC	FAC,FACW+	PNF
PYROLA ASARIFOLIA	MICHX.	WINTERGREEN,PINK	FACU	FACU,FACW	PNF
PYROLA CHLORANTHA	SWARTZ	WINTERGREEN,GREENISH-FLOWER	FACU	UPL,FACW	PNF
PYROLA ROTUNDIFOLIA	L.	WINTERGREEN,ROUND-LEAF	FACU	FACU,FAC	PNF
PYROLA SECUNDA	L.	WINTERGREEN,ONE-SIDED	FACU	UPL,FAC+	PNF
PYROLA UNIFLORA	L.	WINTERGREEN,ONE-FLOWERED	FAC	FACU,FAC	PNF
QUERCUS MACROCARPA	MICHX.	OAK,BUR	FACU	FACU,FAC	NTS
RANUNCULUS ABORTIVUS	L.	BUTTER-CUP,SUBALPINE	FACW	FAC,FACW	BPNF
RANUNCULUS ACRIS	L.	BUTTER-CUP,TALL	FACW	FAC+,FACW	PIF
RANUNCULUS AQUATILIS	L.	BUTTER-CUP,WHITE WATER	OBL	OBL	PNZF
RANUNCULUS CARDIOPHYLLUS	HOOK.	BUTTER-CUP,HEART-LEAF	FACW	FACW,FACW+	PNF
RANUNCULUS CYMBALARIA	PURSH	BUTTER-CUP,SEASIDE	OBL	OBL	PNEF
RANUNCULUS FLABELLARIS	RAF.	BUTTER-CUP,YELLOW WATER	OBL	OBL	PNEF
RANUNCULUS FLAMMULA	L.	BUTTER-CUP,SPEARWORT	NI	FACW	PNEF
RANUNCULUS GLABERRIMUS	HOOK.	BUTTER-CUP,SAGEBRUSH	FAC	FACU,FAC	PNF
RANUNCULUS GMELINII	DC.	BUTTER-CUP,SMALL YELLOW WATER	FACW+	FACW,OBL	PNEF
RANUNCULUS HISPIDUS	MICHX.	BUTTER-CUP,BRISTLY	FAC	FAC,FACW	PNF
RANUNCULUS INAMOENUS	GREENE	BUTTER-CUP,GRACEFUL	FACW	FACW-,FACW	PNF
RANUNCULUS LONGIROSTRIS	GODR.	BUTTER-CUP,LONG-BEAK WATER	OBL	OBL	PNZ/F
RANUNCULUS MACOUNII	BRITTON	BUTTER-CUP,MACOUN'S	OBL	FACW,OBL	PNF
RANUNCULUS MICRANTHUS	NUTT.	BUTTER-CUP,ROCK	FAC	FACU,FAC	PNF
RANUNCULUS PENSYLVANICUS	L.F.	BUTTER-CUP,PENNSYLVANIA	FACW+	FACW,OBL	APNEF
RANUNCULUS RECURVATUS	POIR.	BUTTER-CUP,HOOKED	FAC	FAC,FACW+	PNF
RANUNCULUS SCELERATUS	L.	BUTTER-CUP,CELERY-LEAF	OBL	OBL	APNEF
RANUNCULUS SEPTENTRIONALIS	POIR.	BUTTER-CUP,NORTHERN SWAMP	OBL	FACW+,OBL	PNF
RANUNCULUS SUBRIGIDUS	W.B. DREW	BUTTER-CUP,POND	OBL	OBL	PNZ/F
RANUNCULUS TRICHOPHYLLUS	D. CHAIX	WATER-CROWFOOT,WHITE	OBL	OBL	PN/F
RHAMNUS ALNIFOLIA	L'HER.	BUCKTHORN,ALDER-LEAF	FACW	FACU,OBL	NS
RHAMNUS CATHARTICA	L.	BUCKTHORN,COMMON	FACU	UPL,FACU	IT
RHAMNUS LANCEOLATA	PURSH	BUCKTHORN,LANCE-LEAF	NI	NI	NS
RHUS TRILOBATA	NUTT.	SUMAC,SMOOTH	NI	FAC?	NS
RHYNCHOSPORA ALBA	(L.) VAHL	BEAKRUSH,WHITE	NI	OBL	PNGL
RHYNCHOSPORA CAPILLACEA	TORR.	BEAKRUSH,NEEDLE	OBL	OBL	PNGL
RIBES AMERICANUM	MILL.	CURRANT,WILD BLACK	FACW	FAC,FACW	NS
RIBES CEREUM	DOUGL.	CURRANT,WHITE SQUAW	NI	FACU?	NS
RIBES HIRTELLUM	MICHX.	GOOSEBERRY,HAIRY-STEM	FAC	FAC,FACW	NS
RIBES LACUSTRE	(PERS.) POIR.	CURRANT,PRICKLY	FACW	FAC,FACW	NS
RIBES ODORATUM	H.L. WENDL.	CURRANT,BUFFALO	FACU	FACU,FAC	NS
RIBES SETOSUM	LINDL.	GOOSEBERRY,BRISTLY	NI	FACW?	NS
RIBES TRISTE	PALLAS	CURRANT,SWAMP RED	OBL	FAC,OBL	IS
RORIPPA AUSTRIACA	(CRANTZ) BESSER	YELLOW-CRESS,AUSTRIAN	FACW	FAC-,FACW	PIEF
RORIPPA CALYCINA	(ENGELM.) RYDB.	YELLOW-CRESS,PERSISTENT-SEPAL	OBL	FACW,OBL	PNEF
RORIPPA CURVIPES	GREENE	YELLOW-CRESS,BLUNT-LEAF	OBL	FACW,OBL	ANEF
RORIPPA PALUSTRIS	(L.) BESSER	YELLOW-CRESS,BOG	OBL	FAC,OBL	ANEF
RORIPPA SINUATA	(NUTT.) A. HITCHC.	YELLOW-CRESS,SPREADING	FACW	FAC+,FACW	PNF

PRUNUS VIRGINIANA

RORIPPA SINUATA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

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RORIPPA SYLVESTRIS	(L.) BESSER	YELLOW-CRESS,CREEPING	FACW+	FACW,OBL	PIEF
RORIPPA TENERRIMA	GREENE	YELLOW-CRESS,MODOC COUNTY	FAC	FAC	ANEF
RORIPPA TRUNCATA	(JEPS.) STUCKEY	YELLOW-CRESS,WILD	FAC	FAC,FACW	ANEF
ROSA ACICULARIS	LINDL.	ROSE,PRICKLY	FACU	FACU	NS
ROSA ARKANSANA	T. PORTER	ROSE,PRAIRIE	NI	FAC?	NSH
ROSA BLANDA	AIT.	ROSE,SMOOTH	FACU	FACU-,FACU	NS
ROSA MULTIFLORA	THUNB.	ROSE,MULTIFLORA	NI	UPL,FACU	IS
ROSA WOODSII	LINDL.	ROSE,WOODS	FACU	UPL,FAC-	NS
ROTALA RAMOSIOR	(L.) KOEHNE	TOOTHCUP	NI	OBL	ANF
RUBUS IDAEUS	L.	RASPBERRY,COMMON RED	FACU	UPL,FAC	IS
RUBUS PARVIFLORUS	NUTT.	THIMBLE-BERRY,WESTERN	FACU	FACU,FAC+	NS
RUBUS PUBESCENS	RAF.	BLACKBERRY,DWARF	FACW	FAC,FACW+	PNF
RUBUS STRIGOSUS	MICHX.	RASPBERRY,RED	FACW	FACU,FACW	PNS
RUDBECKIA HIRTA	L.	SUSAN,BLACK-EYED	FACU	FACU-,FACU	BPNF
RUDBECKIA LACINIATA	L.	CONEFLOWER,CUT-LEAF	FACU	FACU,FACW+	PNF
RUMEX ACETOSELLA	L.	SORREL,SHEEP	FAC	UPL,FACW	PIF
RUMEX ALTISSIMUS	A. WOOD	DOCK,PALE	FAC	FAC,FACW+	PNF
RUMEX BRITANNICA	L.	DOCK,GREAT WATER	OBL	FACW+,OBL	F
RUMEX CRISPUS	L.	DOCK,CURLY	FACW	FACU,FACW	PIF
RUMEX DOMESTICUS	HARTM.	DOCK,DOORYARD	FAC+	FACU,FAC+	PIF
RUMEX FUEGINUS	PHILIPPI	DOCK,SEA-SIDE	FACW	FACW,OBL	ABNF
RUMEX MARITIMUS	L.	DOCK,GOLDEN	FACW+	FACW-,OBL	ABNF
RUMEX MEXICANUS	MEISN.	DOCK,MEXICAN	FACW	FAC-,FACW	PNF
RUMEX OBTUSIFOLIUS	L.	DOCK,BITTER	FAC+	FACU-,FACW	PIF
RUMEX OCCIDENTALIS	S. WATS.	DOCK,WESTERN	OBL	FACW+,OBL	PNF
RUMEX ORBICULATUS	GRAY	DOCK,GREAT WATER	OBL	OBL	PNEF
RUMEX STENOPHYLLUS	LEDEB.	DOCK,NARROW-LEAF	FACW+	FACW-,FACW+	PIF
RUMEX TRIANGULIVALVIS	(DANSER) RECH. F.	DOCK,TRIANGULAR-VALVE	FAC+	FACU,FACW	PNF
RUMEX VENOSUS	PURSH	DOCK,VEINY	FAC	UPL,FACW	PNF
RUPPIA MARITIMA	L.	WIDGEON-GRASS	OBL	OBL	PNZF
SAGINA SAGINOIDES	(L.) KARST.	PEARLWORT,ARCTIC	FACW	FAC,OBL	PNF
SAGITTARIA BREVIROSTRA	MACKENZ. & BUSH	ARROW-HEAD,SHORT-BEAK	OBL	OBL	PNEF
SAGITTARIA CALYCINA	ENGELM.	ARROW-HEAD,HOODED	OBL	OBL	PNEF
SAGITTARIA CUNEATA	SHELDON	ARROW-HEAD,NORTHERN	OBL	OBL	PNEF
SAGITTARIA ENGELMANNIANA	J.G. SMITH	ARROW-HEAD,ENGELMANN	OBL	OBL	PNEF
SAGITTARIA GRAMINEA	MICHX.	ARROW-HEAD,GRASS-LEAF	OBL	OBL	PNEF
SAGITTARIA LATIFOLIA	WILLD.	ARROW-HEAD,BROAD-LEAF	OBL	OBL	PNEF
SAGITTARIA MONTEVIDENSIS	CHAM. & SCHLECHT.	ARROW-HEAD,LONG-LOBED	OBL	OBL	PIEF
SALICORNIA RUBRA	A. NELS.	SALTWORT,RED	OBL	OBL	AN$F
SALIX ALBA	L.	WILLOW,WHITE	FACW	FACW-,FACW	IT
SALIX AMYGDALOIDES	ANDERSS.	WILLOW,PEACH-LEAF	FACW	FACW	NT
SALIX BEBBIANA	SARG.	WILLOW,BEBB	FACW	FAC,FACW+	NS
SALIX CANDIDA	FLUEGGE EX WILLD.	WILLOW,HOARY	OBL	OBL	NS
SALIX CORDATA	MICHX.	WILLOW,HEART-LEAF	NI	FAC,FACW	NS
SALIX DISCOLOR	MUHL.	WILLOW,PUSSY	FACW	FACW	NS
SALIX ERIOCEPHALA	MICHX.	WILLOW,MISSOURI RIVER	FACW	FACW	NS
SALIX EXIGUA	NUTT.	WILLOW,SANDBAR	FACW+	FACW,OBL	NS
SALIX FRAGILIS	L.	WILLOW,CRACK	FAC	FAC,FAC+	IT
SALIX HUMILIS	MARSHALL	WILLOW,TALL PRAIRIE	FACU	FACU	NS
SALIX LASIANDRA	BENTH.	WILLOW,PACIFIC	FACW+	FACW,OBL	NST
SALIX LUCIDA	MUHL.	WILLOW,SHINING	FACW	FACW,FACW+	NT
SALIX LUTEA	NUTT.	WILLOW,YELLOW	FACW+	FACW+,OBL	NS

RORIPPA SYLVESTRIS

SALIX LUTEA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

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SALIX MONTICOLA	BEBB	WILLOW,MOUNTAIN	OBL	FAC,OBL	NS
SALIX PEDICELLARIS	PURSH	WILLOW,BOG	NI	UPL,OBL	NS
SALIX PETIOLARIS	J.E. SMITH	WILLOW,MEADOW	OBL	FACW+,OBL	NS
SALIX PLANIFOLIA	PURSH	WILLOW,DIAMOND-LEAF	OBL	FACW,OBL	NS
SALIX PSEUDOMONTICOLA	C.R. BALL	WILLOW,PARK	FACW	FACW	NS
SALIX RIGIDA	MUHL.	WILLOW,HEART-LEAF	FACW	UPL,OBL	NS
SALIX SCOULERANA	BARRATT EX HOOK.	WILLOW,SCOULER	FACU	FACU,FAC	NST
SALIX SERISSIMA	(L.H. BAILEY) FERNALD	WILLOW,AUTUMN	OBL	OBL	NS
SALSOLA KALI	L.	THISTLE,RUSSIAN	FACU-	FACU-,FACU+	AIF
SALSOLA PESTIFER	A. NELS.	THISTLE,RUSSIAN	FACU-	FACU-,FACU	I
SAMBUCUS CANADENSIS	L.	ELDER,AMERICAN	FAC	UPL,FACW	NS
SAMBUCUS RACEMOSA	L.	ELDER,EUROPEAN RED	FACU	FACU,FACU+	NS
SANGUINARIA CANADENSIS	L.	BLOODROOT	NI	UPL,FACU-	PNF
SANICULA GREGARIA	BICKN.	BLACK-SNAKEROOT,CLUSTERED	FAC	FACU,FAC+	PNF
SANICULA MARILANDICA	L.	BLACK-SNAKEROOT	NI	FACU?	PNF
SAPONARIA OFFICINALIS	L.	BOUNCING-BET	FACU	UPL,FACU	PIF
SARCOBATUS VERMICULATUS	(HOOK.) TORR.	GREASEWOOD,BLACK	FACU	FACU,FACU+	NS
SAXIFRAGA OCCIDENTALIS	S. WATS.	SAXIFRAGE,WESTERN	FAC	FAC	PNF
SCHEUCHZERIA PALUSTRIS	L.	POD-GRASS	NI	OBL	PNEF
SCHIZACHNE PURPURASCENS	(TORR.) SWALLEN	MELIC,FALSE	FACU	UPL,FAC	PNG
SCHIZACHYRIUM SCOPARIUM	(MICHX.) NASH	BLUESTEM,LITTLE	FACU	FACU-,FACU+	PNG
SCIRPUS ACUTUS	MUHL. EX BIGEL.	BULRUSH,HARD-STEM	OBL	OBL	PNEGL
SCIRPUS AMERICANUS	PERS.	BULRUSH,OLNEY'S	OBL	OBL	PNEGL
SCIRPUS ATROVIRENS	WILLD.	BULRUSH,GREEN	OBL	OBL	PNEGL
SCIRPUS CYPERINUS	(L.) KUNTH	WOOL-GRASS	OBL	FACW+,OBL	PNEGL
SCIRPUS FLUVIATILIS	(TORR.) GRAY	BULRUSH,RIVER	OBL	OBL	PNEGL
SCIRPUS HALLII	GRAY	BULRUSH,HALL'S	OBL	OBL	PNEGL
SCIRPUS HETEROCHAETUS	CHASE	BULRUSH,SLENDER	OBL	OBL	PNEGL
SCIRPUS MARITIMUS	L.	BULRUSH,SALTMARSH	NI	OBL	PNEGL
SCIRPUS MICROCARPUS	J. & K. PRESL	BULRUSH,SMALL-FRUIT	OBL	OBL	PNGL
SCIRPUS NEVADENSIS	S. WATS.	BULRUSH,NEVADA	OBL	OBL	PNEGL
SCIRPUS PALLIDUS	(BRITTON) FERNALD	BULRUSH,CLOAKED	OBL	OBL	PNEGL
SCIRPUS PENDULUS	MUHL.	BULRUSH,DROOPING	OBL	OBL	PNEGL
SCIRPUS PUNGENS	VAHL	BULRUSH,THREE-SQUARE	OBL	FACW+,OBL	PNEGL
SCIRPUS VALIDUS	VAHL	BULRUSH,SOFT-STEM	OBL	OBL	PNEGL
SCOLOCHLOA FESTUCACEA	(WILLD.) LINK	SPRANGLE-TOP	OBL	OBL	PNEG
SCROPHULARIA LANCEOLATA	PURSH	FIGWORT,LANCE-LEAF	FAC-	UPL,FACW	PNF
SCROPHULARIA MARILANDICA	L.	SQUARE,CARPENTER'S	NI	FACU-	PNF
SCUTELLARIA GALERICULATA	L.	SKULLCAP,HOODED	OBL	FACW+,OBL	PNF
SCUTELLARIA LATERIFLORA	L.	SKULLCAP,BLUE	FACW	FACW,OBL	PNF
SCUTELLARIA PARVULA	MICHX.	SKULLCAP,SMALL	NI	UPL,FACU	PNF
SENECIO AUREUS	L.	RAGWORT,GOLDEN	FACW	FACW	PNF
SENECIO CONGESTUS	(R. BR.) DC.	GROUNDSEL,MARSH	FACW+	FACW,FACW+	ABNF
SENECIO CRASSULUS	GRAY	GROUNDSEL,THICK-LEAF	OBL	FACU,OBL	PNF
SENECIO EREMOPHILUS	RICHARDS.	GROUNDSEL,DESERT	FAC	UPL,OBL	PNF
SENECIO HYDROPHILUS	NUTT.	GROUNDSEL,WATER	OBL	OBL	BPNF
SENECIO INTEGERRIMUS	NUTT.	GROUNDSEL,LAMBSTONGUE	FAC	FAC,FACW-	BPNF
SENECIO PAUPERCULUS	MICHX.	GROUNDSEL,BALSAM	FAC	FAC,FACW+	PNF
SENECIO PLATTENSIS	NUTT.	GROUNDSEL,PRAIRIE	FACU-	UPL,FACU	BPNF
SENECIO PSEUDAUREUS	RYDB.	GROUNDSEL,GOLDEN	FACW	FACU,FACW	PNF
SENECIO VULGARIS	L.	GROUNDSEL,COMMON	FAC	UPL,FAC	AIF
SETARIA GLAUCA	(L.) BEAUV.	GRASS,YELLOW BRISTLE	FACU	FACU,FAC	AIG

SALIX MONTICOLA

SETARIA GLAUCA

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SETARIA ITALICA	(L.) BEAUV.	GRASS,FOX-TAIL BRISTLE	FACU	FACU,FAC	AIG
SETARIA VERTICILLATA	(L.) BEAUV.	GRASS,BUR BRISTLE	FAC	FACU,FAC	AIG
SHEPHERDIA CANADENSIS	(L.) NUTT.	BUFFALO-BERRY,CANADA	NI	NI	PNS
SICYOS ANGULATUS	L.	BUR-CUCUMBER,ONE-SEED	FAC	FACU,FACW-	ANF
SILENE NIVEA	(NUTT.) OTTH	CAMPION,SNOWY	FACW	FAC,FACW	PNF
SILPHIUM PERFOLIATUM	L.	CUP-PLANT	FACW	FACU,FACW	PNF
SISYRINCHIUM ANGUSTIFOLIUM	MILL.	BLUE-EYE-GRASS,POINTED	FACU	FACU,FACW-	PNF
SISYRINCHIUM MONTANUM	GREENE	BLUE-EYE-GRASS,STRICT	FAC	FACU,FACW	PNF
SISYRINCHIUM MUCRONATUM	MICHX.	BLUE-EYE-GRASS,MICHAUX'S	FAC+	FAC+,FACW-	PNF
SITANION HYSTRIX	(NUTT.) J.G. SMITH	SQUIRREL-TAIL,BOTTLEBRUSH	FACU	UPL,FACU	PNG
SIUM SUAVE	WALTER	WATER-PARSNIP,HEMLOCK	OBL	OBL	PNEF
SMILACINA RACEMOSA	(L.) DESF.	FALSE-SOLOMON'S-SEAL,FEATHER	FAC	FACU-,FAC	PNF
SMILACINA STELLATA	(L.) DESF.	FALSE-SOLOMON'S-SEAL,STARRY	FACU	FACU,FACW	PNF
SMILAX HERBACEA	L.	CARRION-FLOWER,SMOOTH	FAC	FAC	PNVF
SMILAX HISPIDA	MUHL. EX TORR.	GREENBRIER,BRISTLY	FAC	FAC,FAC+	NWVS
SOLANUM AMERICANUM	MILL.	NIGHTSHADE,BLACK	FAC	FACU-,FAC	ANF
SOLANUM DULCAMARA	L.	NIGHTSHADE,CLIMBING	FACU	FACU,FAC+	PIF
SOLANUM NIGRUM	L.	NIGHTSHADE,BLACK	FACU	FACU-,FACU+	AIF
SOLIDAGO ALTISSIMA	L.	GOLDEN-ROD,TALL	FACU	FACU-,FACU+	PNF
SOLIDAGO CANADENSIS	L.	GOLDEN-ROD,CANADA	FACU	FACU,FACU+	PNF
SOLIDAGO ELONGATA	NUTT.	GOLDEN-ROD,CREEK	NI	FACU,FAC-	PNF
SOLIDAGO FLEXICAULIS	L.	GOLDEN-ROD,ZIGZAG	FACU	FACU	PNF
SOLIDAGO GIGANTEA	AIT.	GOLDEN-ROD,GIANT	FACW	FAC,FACW	PNF
SOLIDAGO RIDDELLII	J.C. FRANK EX RIDDELL	GOLDEN-ROD,RIDDELL'S	OBL	OBL	PNF
SOLIDAGO RIGIDA	L.	GOLDEN-ROD,STIFF	FACU-	UPL,FACU	PNF
SONCHUS ARVENSIS	L.	SOWTHISTLE,FIELD	FAC	UPL,FAC	PIF
SONCHUS ASPER	(L.) J. HILL	SOWTHISTLE,PRICKLY	FACW	FACU,FACW	AIF
SONCHUS OLERACEUS	L.	SOWTHISTLE,COMMON	FACU	UPL,FACU	AIF
SORBUS SCOPULINA	GREENE	MOUNTAIN-ASH,GREENE'S	NI	FACU?	NST
SORGHASTRUM NUTANS	(L.) NASH	GRASS,INDIAN	FACU	UPL,FACW	PNG
SORGHUM BICOLOR	(L.) MOENCH	BROOM-CORN	NI	UPL,FAC	AIG
SORGHUM HALEPENSE	(L.) PERS.	GRASS,JOHNSON	FACU	FACU,FACU+	PIG
SPARGANIUM ANDROCLADUM	(ENGELM.) MORONG	BURREED,BRANCHING	NI	OBL	PNEF
SPARGANIUM CHLOROCARPUM	RYDB.	BURREED,GREENFRUIT	OBL	OBL	PNEF
SPARGANIUM EMERSUM	REHM.	BURREED,NARROW-LEAF	OBL	OBL	PNEF
SPARGANIUM EURYCARPUM	ENGELM. EX GRAY	BURREED,GIANT	OBL	OBL	PNEF
SPARTINA GRACILIS	TRIN.	CORDGRASS,ALKALI	FACW	FACW	PNG
SPARTINA PECTINATA	LINK	CORDGRASS,PRAIRIE	FACW	FACW,OBL	PNG
SPERGULARIA MARINA	(L.) GRISEB.	SANDSPURRY,SALTMARSH	OBL	OBL	AN$F
SPHAEROPHYSA SALSULA	(PALLAS) DC.	SWAINSONPEA,ALKALI	NI	UPL,FAC	PIF
SPHENOPHOLIS OBTUSATA	(MICHX.) SCRIBN.	WEDGEGRASS,PRAIRIE	FAC	FAC-,FACW+	APNG
SPIRAEA ALBA	DU ROI	MEADOW-SWEET,NARROW-LEAF	FACW	FACW,FACW+	NS
SPIRAEA BETULIFOLIA	PALLAS	MEADOW-SWEET,WHITE	NI	FAC-?	NS
SPIRANTHES CERNUA	(L.) L.C. RICH.	LADIES'-TRESSES,NODDING	FACW	FACW-,FACW+	PNF
SPIRANTHES MAGNICAMPORUM	SHEVIAK	LADIES'-TRESSES,GREAT PLAINS	FAC	UPL,FAC	PNF
SPIRANTHES ROMANZOFFIANA	CHAM.	LADIES'-TRESSES,HOODED	OBL	FACW,OBL	PNF
SPIRANTHES VERNALIS	ENGELM. & GRAY	LADIES'-TRESSES,SPRING	FACW-	FAC,FACW-	PNF
SPIRODELA POLYRHIZA	(L.) SCHLEID.	DUCKWEED,GREATER	OBL	OBL	PI/F
SPOROBOLUS AIROIDES	(TORR.) TORR.	SACATON,ALKALI	FAC	FAC-,FAC+	PNG
SPOROBOLUS ASPER	(MICHX.) KUNTH	DROPSEED,TALL	FACU	UPL,FACU	PNG
SPOROBOLUS CRYPTANDRUS	(TORR.) GRAY	DROPSEED,SAND	FACU	UPL,FACU	PNG
STACHYS ASPERA	MICHX.	HEDGENETTLE,ROUGH	FACW	FAC+,FACW+	ANF

SETARIA ITALICA

STACHYS ASPERA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
STACHYS HISPIDA	PURSH	HEDGENETTLE,SMOOTH	FAC	FAC,OBL	PNF
STACHYS HYSSOPIFOLIA	MICHX.	HEDGENETTLE,HYSSOP-LEAF	NI	FACW+,OBL	PNF
STACHYS PALUSTRIS	L.	HEDGENETTLE,MARSH	OBL	FACW,OBL	PIF
STACHYS TENUIFOLIA	WILLD.	HEDGENETTLE,SMOOTH	FACW	FACW-,OBL	PNF
STELLARIA CALYCANTHA	(LEDEB.) BONG.	STARWORT,NORTHERN	NI	FACW,OBL	PNF
STELLARIA CRASSIFOLIA	EHRH.	STARWORT,FLESHY	OBL	FACW,OBL	PNF
STELLARIA GRAMINEA	L.	STARWORT,LESSER	FACU	UPL,FAC	PNF
STELLARIA LONGIFOLIA	MUHL. EX WILLD.	STARWORT,LONG-LEAF	FACW	FAC,OBL	PNF
STELLARIA LONGIPES	GOLDIE	STARWORT,LONG-STALK	OBL	FACU-,OBL	PNF
STIPA RICHARDSONII	LINK	GRASS,RICHARDSON'S NEEDLE	NI	NI	PNG
STREPTOPUS AMPLEXIFOLIUS	(L.) DC.	TWISTED-STALK,CLASP-LEAF	OBL	UPL,OBL	PNF
STROPHOSTYLES HELVOLA	(L.) ELLIOTT	WILDBEAN,TRAILING	FAC	FACU-,FAC+	ANVF
SUAEDA DEPRESSA	(PURSH) S. WATS.	SEEPWEED,PURSH	FACW	FACW-,FACW+	APNF
SUAEDA INTERMEDIA	S. WATS.	SEEPWEED,ALKALI	FACU	FACU,FAC	NH
SUCKLEYA SUCKLEYANA	(TORR.) RYDB.	SUCKLEYA,POISON	OBL	FAC,OBL	ANF
SULLIVANTIA HAPEMANII	(COULT. & E.M. FISHER) COULT.	SULLIVANTIA	NI	NI	PNF
SWERTIA RADIATA	(KELLOGG) KUNTZE	DEER-EARS	FACU-	UPL,FACU-	PNF
SYMPHORICARPOS ALBUS	(L.) BLAKE	SNOWBERRY	FACU-	UPL,FACU+	NS
SYMPHORICARPOS ORBICULATUS	MOENCH	CORAL-BERRY	NI	UPL,FAC-	NS
TAMARIX CHINENSIS	LOUREIRO	TAMARISK,CHINESE	FACW	FACW	IT
TAMARIX RAMOSISSIMA	LEDEB.	SALTCEDAR	NI	FAC,FACW	IT
TARAXACUM OFFICINALE	G.H. WEBER	DANDELION,COMMON	FACU	FACU-,FACU+	PIF
TEUCRIUM CANADENSE	L.	GERMANDER,AMERICAN	FACW	FAC+,FACW	PNEF
THALICTRUM DASYCARPUM	FISCH. & AVE-LALL.	MEADOW-RUE,PURPLE	FAC	FAC,FACW	PNF
THALICTRUM DIOICUM	L.	MEADOW-RUE,EARLY	FACW	FACU+,FACW	PNF
THELYPODIUM INTEGRIFOLIUM	(NUTT.) ENDL.	THELYPODY,ENTIRE-LEAF	FACW	FACU-,FACW	BNF
THELYPTERIS THELYPTEROIDES	(MICHX.) J. HOLUB	FERN,MARSH	OBL	FACW+,OBL	F3
THLASPI ARVENSE	L.	PENNY-CRESS,FIELD	NI	FACU?	AIF
TILIA AMERICANA	L.	BASSWOOD,AMERICAN	FACU	FACU	NT
TOXICODENDRON RADICANS	(L.) KUNTZE	IVY,POISON	FACU	FACU,FACW	NWVS
TOXICODENDRON RYDBERGII	(SMALL EX RYDB.) GREENE	IVY,RYDBERG POISON	FACU	FACU,FACW	NHS
TRADESCANTIA BRACTEATA	SMALL EX BRITTON & A. BR.	SPIDER-WORT,LONG-BRACT	FAC	UPL,FAC	PNF
TRIFOLIUM BECKWITHII	BREW. EX S. WATS.	CLOVER,BECKWITH'S	FAC+	FAC,FAC+	PNF
TRIFOLIUM FRAGIFERUM	L.	CLOVER,STRAWBERRY	FAC	FACU,FACW-	PIF
TRIFOLIUM HYBRIDUM	L.	CLOVER,ALSIKE	FACU	FACU-,FAC	PIF
TRIFOLIUM PRATENSE	L.	CLOVER,RED	FACU	FACU-,FAC	BPIF
TRIFOLIUM REPENS	L.	CLOVER,WHITE	FACU	FACU-,FAC	PIF
TRIFOLIUM RESUPINATUM	L.	CLOVER,PERSIAN	FACU+	UPL,FACU+	AIF
TRIGLOCHIN CONCINNUM	J.B. DAVY	ARROW-GRASS,UTAH	OBL	OBL	PNF
TRIGLOCHIN MARITIMUM	L.	ARROW-GRASS,SEASIDE	OBL	OBL	PNF
TRIGLOCHIN PALUSTRE	L.	ARROW-GRASS,MARSH	OBL	OBL	PNF
TRILLIUM CERNUUM	L.	TRILLIUM,NODDING	FAC	FAC,FACW	PNF
TRILLIUM FLEXIPES	RAF.	TRILLIUM,WHITE	FACU	FACU,FAC	PNF
TRIODANIS PERFOLIATA	(L.) NIEUWL.	VENUS'-LOOKING-GLASS,CLASP-LEAF	FAC	UPL,FAC	ANF
TRISETUM SPICATUM	(L.) RICHTER	FALSE-OATS,SPIKED	FACU	UPL,FACW-	PNG
TYPHA ANGUSTIFOLIA	L.	CATTAIL,NARROW-LEAF	OBL	OBL	PNEF
TYPHA LATIFOLIA	L.	CATTAIL,BROAD-LEAF	OBL	OBL	PNEF
ULMUS AMERICANA	L.	ELM,AMERICAN	FAC	FAC,FACW	NT
ULMUS RUBRA	MUHL.	ELM,SLIPPERY	FAC	FAC	NT
ULMUS THOMASII	SARG.	ELM,ROCK	FACU-	UPL,FAC+	NT
URTICA DIOICA	L.	NETTLE,STINGING	FACW	FACU,FACW	PIF
UTRICULARIA INTERMEDIA	HAYNE	BLADDERWORT,FLAT-LEAF	OBL	OBL	ANZF

STACHYS HISPIDA

UTRICULARIA INTERMEDIA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
UTRICULARIA MACRORHIZA	LECONTE	BLADDERWORT,COMMON	OBL	OBL	PN/F
UTRICULARIA MINOR	L.	BLADDERWORT,LESSER	OBL	OBL	PNZF
UVULARIA SESSILIFOLIA	L.	BELLWORT,SESSILE-LEAF	FACU	FACU-,FAC+	PNF
VACCINIUM MEMBRANACEUM	DOUGL. EX TORR.	BLUEBERRY,BIG	FACU	FACU,FACU+	NS
VACCINIUM SCOPARIUM	LEIBERG EX COVILLE	GROUSEBERRY	FACU	FACU-,FACU+	NS
VALERIANA ACUTILOBA	RYDB.	VALERIAN,SHARP-LEAF	FAC	FACU,FAC	PNF
VALERIANA DIOICA	L.	VALERIAN,MARSH	FACW-	FACW-,FACW	PNF
VALERIANA EDULIS	NUTT. EX TORR. & GRAY	VALERIAN,EDIBLE	FAC	FAC,OBL	PNF
VALLISNERIA AMERICANA	MICHX.	WILD-CELERY	OBL	OBL	PIZF
VERBENA BRACTEATA	LAG. & RODRIG.	VERVAIN,PROSTRATE	FACU	UPL,FACW	APNF
VERBENA HASTATA	L.	VERVAIN,BLUE	FACW	FAC,FACW+	PNF
VERBENA URTICIFOLIA	L.	VERVAIN,WHITE	FACU	UPL,FAC+	APNF
VERBESINA ENCELIOIDES	(CAV.) BENTH. & HOOK. EX GRAY	CROWNBEARD,GOLDEN	FAC	FACU-,FAC	ANF
VERNONIA BALDWINII	TORR.	IRONWEED,BALDWIN'S	FACW-	UPL,FACW-	PNF
VERNONIA FASCICULATA	MICHX.	IRONWEED,PRAIRIE	FACW	FAC,FACW	PNF
VERONICA AMERICANA	SCHWEINITZ EX BENTH.	SPEEDWELL,AMERICAN	OBL	OBL	PNE$F
VERONICA ANAGALLIS-AQUATICA	L.	SPEEDWELL,WATER	OBL	OBL	BPNEF
VERONICA ARVENSIS	L.	SPEEDWELL,CORN	NI	FACU?	AIF
VERONICA CATENATA	PENNELL	SPEEDWELL,PINK WATER	OBL	OBL	PNEF
VERONICA PEREGRINA	L.	SPEEDWELL,PURSLANE	FACW	FACU-,OBL	ANEF
VERONICA SCUTELLATA	L.	SPEEDWELL,MARSH	OBL	OBL	PIF
VERONICA SERPYLLIFOLIA	L.	SPEEDWELL,THYME-LEAF	OBL	FAC,OBL	PIF
VERONICASTRUM VIRGINICUM	(L.) FARW.	CULVER'S-ROOT	FAC	FACU,FACW	PNF
VIBURNUM EDULE	(MICHX.) RAF.	SQUASHBERRY	FACW	FACU,FACW	NS
VIBURNUM LENTAGO	L.	NANNYBERRY	FACU	FACU,FAC+	NTS
VIBURNUM TRILOBUM	MARSHALL	CRANBERRYBUSH,AMERICAN	FAC	FAC,FACW	N
VICIA AMERICANA	MUHL. EX WILLD.	VETCH,AMERICAN PURPLE	NI	FAC?	PNFV
VICIA SATIVA	L.	VETCH,COMMON	FACU	UPL,FACW	AIFV
VIOLA ADUNCA	J.E. SMITH	VIOLET,HOOKED-SPUR	FACU	FACU,FAC	PNF
VIOLA CONSPERSA	REICHENB.	VIOLET,AMERICAN DOG	FACW	FACW-,FACW	PNF
VIOLA INCOGNITA	BRAINERD	VIOLET,LARGE-LEAF WHITE	FACW	FACU,FACW	PNF
VIOLA MISSOURIENSIS	GREENE	VIOLET,MISSOURI	FACW-	FAC,FACW+	PNF
VIOLA NEPHROPHYLLA	GREENE	VIOLET,NORTHERN BOG	FACW	FACW,FACW+	PNF
VIOLA PALUSTRIS	L.	VIOLET,MARSH	NI	FACW,OBL	PNF
VIOLA PAPILIONACEA	PURSH	VIOLET,COMMON BLUE	FACU	FACU,FAC	PNF
VIOLA PEDATIFIDA	G. DON	VIOLET,PRAIRIE	FACU	UPL,FACU	PNF
VIOLA PENSYLVANICA	MICHX.	VIOLET,SMOOTH YELLOW	FACU	FACU,FACW	PNF
VIOLA PRATINCOLA	GREENE	VIOLET,BLUE PRAIRIE	FAC	FACU,FAC	PNF
VIOLA PUBESCENS	AIT.	VIOLET,DOWNY YELLOW	FACU	FACU-,FAC-	PNF
VIOLA RENIFOLIA	GRAY	VIOLET,KIDNEY-LEAF WHITE	FACW	FAC,FACW	PNF
VIOLA SORORIA	WILLD.	VIOLET,WOOLLY BLUE	FAC	FAC-,FAC	PNF
VIOLA X BERNARDII	GREENE		NI	FACU-	NF
VITIS RIPARIA	MICHX.	GRAPE,RIVER-BANK	FAC	FACU,FACW	NWV
VITIS VULPINA	L.	GRAPE,FROST	FAC	FAC,FACW-	NWV
VULPIA OCTOFLORA	(WALTER) RYDB.	FESCUE,SIX-WEEKS	FACU	UPL,FACU+	ANG
WOLFFIA COLUMBIANA	KARST.	WATER-MEAL,COLUMBIA	OBL	OBL	PN/F
XANTHIUM SPINOSUM	L.	COCKLE-BUR,SPINY	NI	FACU,FAC+	ANF
XANTHIUM STRUMARIUM	L.	COCKLE-BUR,ROUGH	FAC	FAC-,FAC+	ANF
ZANNICHELLIA PALUSTRIS	L.	PONDWEED,HORNED	OBL	OBL	PNZF
ZIGADENUS ELEGANS	PURSH	DEATHCAMAS,MOUNTAIN	FACU	UPL,FACW+	PNF
ZIGADENUS VENENOSUS	S. WATS.	DEATHCAMAS,MEADOW	FAC	FAC	PNF
ZIZANIA AQUATICA	L.	WILDRICE,ANNUAL	OBL	OBL	ANEG

UTRICULARIA MACRORHIZA

ZIZANIA AQUATICA

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4)

SCI-NAME	AUTHOR	COMMON-NAME	R4IND	NAT-IND	HABIT
ZIZIA APTERA	(GRAY) FERNALD	ALEXANDERS,HEART-LEAF	FACW-	FACU,FACW-	PNF
ZIZIA AUREA	(L.) W. KOCH	ALEXANDERS,GOLDEN	FAC-	FAC-,FAC+	PNF
ZOSTERELLA DUBIA	(JACQ.) SMALL	STAR-GRASS,WATER	OBL	OBL	APN/F

ZIZIA APTERA

ZOSTERELLA DUBIA

TRINOMIALS

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),TRINOMIALS

SCI-NAME	AUTHOR	TRINOM	R4IND	NAT-IND	HABIT
DISTICHLIS SPICATA	(L.) GREENE	VAR. STRICTA (TORR.) SCRIBN.	NI	FAC+,FACW	PNG

SYNONYMY

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
ACALYPHA DEAMII	*ACALYPHA RHOMBOIDEA*	RAF.	1,2,3,4,5,6
ACALYPHA VIRGINICA VAR. RHOMBOIDEA	*ACALYPHA RHOMBOIDEA*	RAF.	1,2,3,4,5,6
ACER NIGRUM	*ACER SACCHARUM*	MARSHALL	1,2,3,4,5,6,8
ACNIDA TAMARISCINA	*AMARANTHUS RUDIS*	SAUER	1,2,3,4,5,6,7,8,0
ACONITUM HANSENII	*ACONITUM COLUMBIANUM*	NUTT.	3,4,5,7,8,9,0
ACONITUM INFECTUM	*ACONITUM COLUMBIANUM*	NUTT.	3,4,5,7,8,9,0
ACUAN ILLINOENSE	*DESMANTHUS ILLINOENSIS*	(MICHX.) MACMIL. EX B. ROB. & FERNALD	1,2,3,4,5,6,7,8
ACUAN ILLINOENSIS	*DESMANTHUS ILLINOENSIS*	(MICHX.) MACMIL. EX B. ROB. & FERNALD	1,2,3,4,5,6,7,8
ADIANTUM MODESTUM	*ADIANTUM CAPILLUS-VENERIS*	L.	1,2,3,4,6,7,8,0,C,H
AESCULUS ARGUTA	*AESCULUS GLABRA*	WILLD.	1,2,3,4,5,6
AGRIMONIA EUPATORIA	*AGRIMONIA GRYPOSEPALA*	WALLR.	1,2,3,4,5,7,9,0
AGROPYRON INERME	*AGROPYRON SPICATUM*	(PURSH) SCRIBN. & J.G. SMITH	4,5,6,7,8,9,0,A
AGROPYRON LANCEOLATUM	*AGROPYRON DASYSTACHYUM*	(HOOK.) SCRIBN.	3,4,5,7,8,9,0,A
AGROPYRON RIPARIUM	*AGROPYRON DASYSTACHYUM*	(HOOK.) SCRIBN.	3,4,5,7,8,9,0,A
AGROPYRON SUBSECUNDUM	*AGROPYRON TRACHYCAULUM*	(LINK) MALTE EX H.F. LEWIS	1,2,3,4,5,6,7,8,9,0,A
AGROPYRON SUBVILLOSUM	*AGROPYRON DASYSTACHYUM*	(HOOK.) SCRIBN.	3,4,5,7,8,9,0,A
AGROSTIS AMPLA	*AGROSTIS EXARATA*	TRIN.	4,5,6,7,8,9,0,A
AGROSTIS ANTECEDENS	*AGROSTIS HYEMALIS*	(WALTER) B.S.P.	1,2,3,4,5,6,8,9,C
AGROSTIS ASPERIFOLIA	*AGROSTIS EXARATA*	TRIN.	4,5,6,7,8,9,0,A
AGROSTIS GIGANTEA	*AGROSTIS ALBA*	L.	1,2,3,4,5,6,7,8,9,0,A
AGROSTIS OREOPHILA	*AGROSTIS PERENNANS*	(WALTER) TUCKERMAN	1,2,3,4,5,6,7,8
AGROSTIS PALUSTRIS	*AGROSTIS STOLONIFERA*	L.	1,2,3,4,5,6,7,8,9,0,A,H
ALISMA GEYERI	*ALISMA GRAMINEUM*	GMEL.	1,3,4,5,7,8,9,0
ALISMA PLANTAGO-AQUATICA VAR. PARVIFLORUM	*ALISMA PLANTAGO-AQUATICA*	L.	1,3,4,5,7,8,9,0
ALISMA TRIVIALE	*ALISMA PLANTAGO-AQUATICA*	L.	1,3,4,5,7,8,9,0
ALLIARIA OFFICINALIS	*ALLIARIA PETIOLATA*	(M. BIEB.) CAVARA & GRANDE	1,2,3,4,5,6,9
ALLIONIA NYCTAGINEA	*MIRABILIS NYCTAGINEA*	(MICHX.) MACMIL.	1,2,3,4,5,6,7,8,9,0
ALLIUM ACETABULUM	*ALLIUM CANADENSE*	L.	1,2,3,4,5,6
ALLOCARYA SCOPULORUM	*PLAGIOBOTHRYS SCOULERI*	(HOOK. & ARN.) I. JOHNST.	3,4,7,8,9,0,A
ALNUS INCANA SSP. RUGOSA	*ALNUS RUGOSA*	(DU ROI) SPRENG.	1,2,3,4,7,8,9,0,A
ALOPECURUS ARISTULATUS	*ALOPECURUS AEQUALIS*	SOBOL.	1,2,3,4,5,6,7,8,9,0,A
ALOPECURUS PALLESCENS	*ALOPECURUS GENICULATUS*	L.	1,2,3,4,5,6,7,8,9,0,A
ALOPECURUS RAMOSUS	*ALOPECURUS CAROLINIANUS*	WALTER	1,2,3,4,5,6,7,8,9,0
ALSINE ALPESTRIS	*STELLARIA CALYCANTHA*	(LEDEB.) BONG.	1,3,4,8,9,0,A
ALSINE BOREALIS	*STELLARIA CALYCANTHA*	(LEDEB.) BONG.	1,3,4,8,9,0,A
ALSINE CALYCANTHA	*STELLARIA CALYCANTHA*	(LEDEB.) BONG.	1,3,4,8,9,0,A
ALSINE CRASSIFOLIA	*STELLARIA CRASSIFOLIA*	EHRH.	3,4,5,6,7,8,9,A
ALSINE GRAMINEA	*STELLARIA GRAMINEA*	L.	1,2,3,4,8,9,0
ALSINE LONGIFOLIA	*STELLARIA LONGIFOLIA*	MUHL. EX WILLD.	1,2,3,4,5,7,8,9,A
ALSINE LONGIPES	*STELLARIA LONGIPES*	GOLDIE	1,3,4,7,8,9,0,A
ALSINE MEDIA	*STELLARIA MEDIA*	(L.) VILLARS	1,2,3,4,5,6,7,8,9,0,A,H
ALSINE OXYPHYLLA	*STELLARIA CALYCANTHA*	(LEDEB.) BONG.	1,3,4,8,9,0,A
ALSINE SUBVESTITA	*STELLARIA LONGIPES*	GOLDIE	1,3,4,7,8,9,0,A
AMARANTHUS GRAECIZANS	*AMARANTHUS BLITOIDES*	S. WATS.	1,2,3,4,5,6,7,8,9,0,A
AMARANTHUS TAMARISCINUS	*AMARANTHUS RUDIS*	SAUER	1,2,3,4,5,6,7,8,0
AMARELLA ACUTA	*GENTIANELLA AMARELLA*	(L.) BOERNER	1,3,4,5,7,8,9,0,A
AMBROSIA GLANDULOSA	*AMBROSIA ARTEMISIIFOLIA*	L.	1,2,3,4,5,6,7,8,9,0,H
AMBROSIA RUGELII	*AMBROSIA PSILOSTACHYA*	DC.	1,2,3,4,5,6,7,8,9,0
AMELANCHIER CUSICKII	*AMELANCHIER ALNIFOLIA*	(NUTT.) NUTT.	3,4,5,6,8,9,0,A
AMELANCHIER FLORIDA	*AMELANCHIER ALNIFOLIA*	(NUTT.) NUTT.	3,4,5,6,8,9,0,A
AMELANCHIER GLABRA	*AMELANCHIER ALNIFOLIA*	(NUTT.) NUTT.	3,4,5,6,8,9,0,A
AMELANCHIER PALLIDA	*AMELANCHIER ALNIFOLIA*	(NUTT.) NUTT.	3,4,5,6,8,9,0,A

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
AMELANCHIER POLYCARPA	*AMELANCHIER ALNIFOLIA*	(NUTT.) NUTT.	3,4,5,6,8,9,0,A
AMMANNIA TERES	*AMMANNIA COCCINEA*	ROTTB.	1,2,3,4,5,6,7,8,9,0,C,H
AMORPHA BUSHII	*AMORPHA FRUTICOSA*	L.	1,2,3,4,5,6,7,8,0
AMPHICARPAEA COMOSA	*AMPHICARPAEA BRACTEATA*	(L.) FERNALD	1,2,3,4,5,6
ANAGALLIS CAERULEA	*ANAGALLIS ARVENSIS*	L.	1,2,3,4,5,6,7,8,9,0
ANAGALLIS MINIMA	*CENTUNCULUS MINIMUS*	L.	1,2,3,4,5,6,7,8,9,0
ANDROPOGON CHRYSOCOMUS	*ANDROPOGON GERARDII*	VITMAN	1,2,3,4,5,6,7,8,9
ANDROPOGON FURCATUS	*ANDROPOGON GERARDII*	VITMAN	1,2,3,4,5,6,7,8,9
ANDROPOGON HALLII	*ANDROPOGON GERARDII*	VITMAN	1,2,3,4,5,6,7,8,9
ANDROPOGON PROVINCIALIS	*ANDROPOGON GERARDII*	VITMAN	1,2,3,4,5,6,7,8,9
ANDROPOGON SCOPARIUS	*SCHIZACHYRIUM SCOPARIUM*	(MICHX.) NASH	1,2,3,4,5,6,7,8,9
ANDROSACE ARIZONICA	*ANDROSACE OCCIDENTALIS*	PURSH	2,3,4,5,6,7,8,9,0
ANDROSACE GLANDULOSA	*ANDROSACE SEPTENTRIONALIS*	L.	3,4,6,7,8,9,0,A
ANTHOPOGON ANISOSEPALA	*GENTIANELLA AMARELLA*	(L.) BOERNER	1,3,4,5,7,8,9,0,A
APOCYNUM CANNABINUM VAR. HYPERICIFOLIUM	*APOCYNUM SIBIRICUM*	JACQ.	1,3,4,5,6,7,8,9,0
AQUILEGIA COCCINEA	*AQUILEGIA CANADENSIS*	L.	1,2,3,4,5,6
ARABIS BOURGOVII	*ARABIS DIVARICARPA*	A. NELS.	1,3,4,5,7,8,9,0,A
ARABIS CONSANGUINEA	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARABIS EXILIS	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARABIS LIGNIPES	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARABIS PENDULOCARPA	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARABIS RETROFRACTA	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARABIS RHODANTHA	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARABIS SECUNDA	*ARABIS HOLBOELLII*	HORNEM.	3,4,5,7,8,9,0,A
ARCTOSTAPHYLOS ADENOTRICHA	*ARCTOSTAPHYLOS UVA-URSI*	(L.) SPRENG.	1,3,4,5,7,8,9,0,A
ARENARIA LATERIFLORA	*MOEHRINGIA LATERIFLORA*	(L.) FENZL	1,3,4,5,7,8,9,A
ARENARIA RUBELLA	*MINUARTIA RUBELLA*	(WAHLENB.) HIERN	1,4,7,8,9,0,A
ARISAEMA ACUMINATUM	*ARISAEMA TRIPHYLLUM*	(L.) SCHOTT	1,2,3,4,5,6
ARISAEMA STENARDSONII	*ARISAEMA TRIPHYLLUM*	(L.) SCHOTT	1,2,3,4,5,6
ARTEMISIA VULGARIS	*ARTEMISIA LUDOVICIANA*	NUTT.	1,2,3,4,5,6,7,8,9,0
ASPLENIUM VIRIDE	*ASPLENIUM TRICHOMANES-RAMOSUM*	L.	1,3,4,8,9,0,A
ASTER BRACTEOLATUS	*ASTER EATONII*	(GRAY) T. HOWELL	4,7,8,9,0
ASTER CHILENSIS SSP. ADSCENDENS	*ASTER CHILENSIS*	NEES	4,7,8,9,0
ASTER ERICOIDES SSP. PANSUS	*ASTER PANSUS*	(BLAKE) CRONQ.	4,5,8,9
ASTER HALLII	*ASTER CHILENSIS*	NEES	4,7,8,9,0
ASTER INTERIOR	*ASTER SIMPLEX*	WILLD.	1,2,3,4,5,6
ASTER LANCEOLATUS	*ASTER SIMPLEX*	WILLD.	1,2,3,4,5,6
ASTER MERITUS	*ASTER SIBIRICUS*	L.	4,5,9,A
ASTER PANICULATUS	*ASTER X LANCEOLATUS*	WILLD.	1,2,3,4,5,6
ASTER PUNICEUS VAR. FIRMIS	*ASTER LUCIDULUS*	(GRAY) WIEGAND	1,3,4
ASTRAGALUS BREVIDENS	*ASTRAGALUS CANADENSIS*	L.	1,2,3,4,5,6,8,9,0
ASTRAGALUS COOPERI	*ASTRAGALUS NEGLECTUS*	(TORR. & GRAY) SHELDON	1,3,4
ASTRAGALUS DASYGLOTTIS	*ASTRAGALUS AGRESTIS*	DOUGL.	3,4,5,7,8,9,0
ASTRAGALUS YUKONIS	*ASTRAGALUS BODINII*	SHELDON	4,8,9,A
ATENIA GAIRDNERI	*PERIDERIDIA GAIRDNERI*	(HOOK. & ARN.) MATHIAS	4,7,8,9,0
ATHYRIUM ASPLENIOIDES	*ATHYRIUM FILIX-FEMINA*	(L.) ROTH	1,2,3,4,5,6,7,8,9,0,A
ATRIPLEX HASTATA	*ATRIPLEX PATULA*	L.	1,2,3,4,5,6,7,8,9,0,A
ATRIPLEX NUTALLI VAR. FALCATA	*ATRIPLEX FALCATA*	(M.E. JONES) STANDL.	4,5,8,9,0
AVENA STRIATA	*SCHIZACHNE PURPURASCENS*	(TORR.) SWALLEN	1,2,3,4,5,7,8,9,A
BARBAREA AMERICANA	*BARBAREA ORTHOCERAS*	LEDEB.	1,3,4,5,7,8,9,0,A
BETULA FONTINALIS	*BETULA OCCIDENTALIS*	HOOK.	4,5,7,8,9,0,A
BETULA KENAICA	*BETULA PAPYRIFERA*	MARSHALL	1,3,4,5,8,9,A

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SYNONYMY	SCI-NAME	AUTHOR	REGION
BETULA PUBESCENS	*BETULA ALBA*	L.	1,3,4
BIDENS ACUTA	*BIDENS TRIPARTITA*	L.	1,2,3,4,5,6,7,8,9
BIDENS VULGATA	*BIDENS FRONDOSA*	L.	1,2,3,4,5,6,7,8,9,0,A
BIGNONIA RADICANS	*CAMPSIS RADICANS*	(L.) SEEM.	1,2,3,4,5,6,8
BOEHMERIA DECURRENS	*BOEHMERIA CYLINDRICA*	(L.) SWARTZ	1,2,3,4,5,6,7,C
BOLTONIA DECURRENS	*BOLTONIA ASTEROIDES*	(L.) L'HER.	1,2,3,4,5,6,9
BOLTONIA LATISQUAMA	*BOLTONIA ASTEROIDES*	(L.) L'HER.	1,2,3,4,5,6,9
BOTRYCHIUM MATRICARIAEFOLIUM	*BOTRYCHIUM MATRICARIIFOLIUM*	A. BRAUN	1,2,3,4,5,8,9
BOTRYCHIUM ONONDAGENSE	*BOTRYCHIUM LUNARIA*	(L.) SWARTZ	1,3,4,7,8,9,0,A
BOTRYCHIUM TENEBROSUM	*BOTRYCHIUM SIMPLEX*	E. HITCHC.	1,3,4,5,7,8,9,0
BRACHYACTIS CILIATA	*ASTER BRACHYACTIS*	BLAKE	1,3,4,5,6,8,9
BROMUS ALTISSIMUS	*BROMUS LATIGLUMIS*	(SHEAR) HITCHC.	1,2,3,4,5,8
BROMUS HORDEACEUS	*BROMUS MOLLIS*	L.	1,2,3,4,5,6,7,8,9,0,A
BRUNERA COLUMBIANA	*WOLFFIA COLUMBIANA*	KARST.	1,2,3,4,5,6,9,0,H
BULBOSCHOENUS MARITIMUS SSP. PALUDOSUS	*SCIRPUS MARITIMUS*	L.	1,2,3,4,5,6,7,8,9,0,A,H
BURSA BURSA-PASTORIS	*CAPSELLA BURSA-PASTORIS*	(L.) MEDIC.	1,2,3,4,5,6,7,8,9,0,A,H
CACALIA PLANTAGINEA	*ARNOGLOSSUM PLANTAGINEUM*	RAF.	1,2,3,4,5,6
CACALIA TUBEROSA	*ARNOGLOSSUM PLANTAGINEUM*	RAF.	1,2,3,4,5,6
CALAMAGROSTIS MACOUNIANA	*CALAMAGROSTIS CANADENSIS*	(MICHX.) BEAUV.	1,2,3,4,5,7,8,9,0,A
CALAMAGROSTIS STRICTA	*CALAMAGROSTIS INEXPANSA*	A. GRAY	1,3,4,5,7,8,9,0,A
CALAMAGROSTIS STRICTA	*CALAMAGROSTIS NEGLECTA*	(EHRH.) P. GARTN., B. MEYER & SCHERB.	1,3,4,8,9,A
CALTHA ARCTICA	*CALTHA PALUSTRIS*	L.	1,2,3,4,5,9,0,A
CALTHA ASARIFOLIA	*CALTHA PALUSTRIS*	L.	1,2,3,4,5,9,0,A
CAMELINA PARODII	*CAMELINA SATIVA*	(L.) CRANTZ	1,2,3,4,5,7,8,9,0,A
CAMPANULA ALASKANA	*CAMPANULA ROTUNDIFOLIA*	L.	1,3,4,5,6,7,8,9,0,A
CAMPANULA DUBIA	*CAMPANULA ROTUNDIFOLIA*	L.	1,3,4,5,6,7,8,9,0,A
CAMPANULA ULIGINOSA	*CAMPANULA APARINOIDES*	PURSH	1,2,3,4,5
CAMPANULASTRUM AMERICANUM	*CAMPANULA AMERICANA*	L.	1,2,3,4,5,6
CARDUUS LANCEOLATUS	*CIRSIUM VULGARE*	(SAVI) TENORE	1,2,3,4,5,6,7,8,9,0,A,H
CARDUUS MUTICUS	*CIRSIUM MUTICUM*	MICHX.	1,2,3,4,5,6
CAREX ABBREVIATA	*CAREX TORREYI*	TUCKERMAN	3,4,5,8,9
CAREX ATROSTACHYA	*CAREX ATHROSTACHYA*	OLNEY	4,7,8,9,0,A
CAREX BULBOSTYLIS	*CAREX AMPHIBOLA*	STEUD.	1,2,3,4,5,6
CAREX DEMISSA	*CAREX VIRIDULA*	MICHX.	1,3,4,5,7,8,9,0,A
CAREX ELACHYCARPA	*CAREX STERILIS*	WILLD.	1,2,3,4,9
CAREX LAXIFLORA	*CAREX BLANDA*	DEWEY	1,2,3,4,5,6
CAREX MONILE	*CAREX VESICARIA*	L.	1,3,4,5,7,8,9,0
CAREX SICCATA	*CAREX FOENEA*	WILLD.	1,3,4,5,7,8,9
CAREX UNCOMPAHGRE	*CAREX BELLA*	L.H. BAILEY	4,7,8
CARUM GAIRDNERI	*PERIDERIDIA GAIRDNERI*	(HOOK. & ARN.) MATHIAS	4,7,8,9,0
CARYA ALBA	*CARYA OVATA*	(MILL.) K. KOCH	1,2,3,4,5,6
CASTALIA LEKOPHYLLA	*NYMPHAEA ODORATA*	SOLAND. IN AIT.	1,2,3,4,5,6,7,8,9,C
CASTILLEJA DIXONII	*CASTILLEJA MINIATA*	DOUGL. EX HOOK.	4,7,8,9,0,A
CENTAUREUM EXALTATUM	*CENTAURIUM EXALTATUM*	(GRISEB.) W. WIGHT EX PIPER	4,5,7,8,9,0
CERASTIUM FONTANUM	*CERASTIUM VULGATUM*	L.	1,2,3,4,5,6,7,8,9,0,A,H
CERASTIUM HOLOSTEDIDES	*CERASTIUM VULGATUM*	L.	1,2,3,4,5,6,7,8,9,0,A,H
CERASTIUM LONGIPEDUNCULATUM	*CERASTIUM NUTANS*	RAF.	1,2,3,4,5,6,7,8,9,A
CERASTIUM NUTANS VAR. BRACHYPODUM	*CERASTIUM BRACHYPODUM*	(ENGELM. EX GRAY) B. ROB.	1,2,3,4,5,6,7,8,9
CERASTIUM OREOPHILUM	*CERASTIUM ARVENSE*	L.	1,2,3,4,5,7,8,9,0,A
CERASTIUM STRICTUM	*CERASTIUM ARVENSE*	L.	1,2,3,4,5,7,8,9,0,A
CERASTIUM THERMALE	*CERASTIUM ARVENSE*	L.	1,2,3,4,5,7,8,9,0,A
CERASTIUM VELUTINUM	*CERASTIUM ARVENSE*	L.	1,2,3,4,5,7,8,9,0,A

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SYNONYMY	SCI-NAME	AUTHOR	REGION
CHAMAEPERICLYMENUM CANADENSIS	*CORNUS CANADENSIS*	L.	1,3,4,5,7,8,9,0,A
CHAMAESYCE MACULATA	*EUPHORBIA MACULATA*	L.	1,2,3,4,5,6,7,8,9,0
CHAMAESYCE MATHEWSII	*EUPHORBIA MACULATA*	L.	1,2,3,4,5,6,7,8,9,0
CHAMAESYCE NUTANS	*EUPHORBIA NUTANS*	LAG.	1,2,3,4,5,6,0,C
CHAMAESYCE TRACYI	*EUPHORBIA MACULATA*	L.	1,2,3,4,5,6,7,8,9,0
CHAMOMILLA MARITIMA	*MATRICARIA MARITIMA*	L.	1,2,3,4,5,9,A
CHASEA FLEXILIS	*PANICUM FLEXILE*	(GATT.) SCRIBN.	1,2,3,4,5,6,8
CHEIRINIA CHEIRANTHOIDES	*ERYSIMUM CHEIRANTHOIDES*	L.	1,2,3,4,5,8,9,0,A
CHENOPODIUM GLAUCUM SSP. SALINUM	*CHENOPODIUM SALINUM*	STANDL.	1,2,3,4,5,7,9,0,A
CHENOPODIUM PRATERICOLA	*CHENOPODIUM LEPTOPHYLLUM*	(MOQ.) NUTT. EX S. WATS.	1,2,3,4,5,6,7,8,9,0
CIRCAEA CANADENSIS	*CIRCAEA LUTETIANA*	L.	1,2,3,4,5,6
CIRCAEA LATIFOLIA	*CIRCAEA LUTETIANA*	L.	1,2,3,4,5,6
CIRCAEA PACIFICA	*CIRCAEA ALPINA*	L.	1,2,3,4,5,7,8,9,0,A
CIRSIUM LANCEOLATUM	*CIRSIUM VULGARE*	(SAVI) TENORE	1,2,3,4,5,6,7,8,9,0,A,H
CIRSIUM MEGACEPHALUM	*CIRSIUM UNDULATUM*	(NUTT.) SPRENG.	3,4,5,6,7,8,9,0
CIRSIUM SETOSUM	*CIRSIUM ARVENSE*	(L.) SCOP.	1,2,3,4,5,7,8,9,0,A,H
CLEMATIS BREVIFOLIA	*CLEMATIS LIGUSTICIFOLIA*	NUTT.	1,2,4,5,6,7,8,9,0
CLEMATIS MISSOURIENSIS	*CLEMATIS VIRGINIANA*	L.	1,2,3,4,5,6
CLEMATIS NEOMEXICANA	*CLEMATIS LIGUSTICIFOLIA*	NUTT.	1,2,4,5,6,7,8,9,0
CLEMATIS SUKSDORFII	*CLEMATIS LIGUSTICIFOLIA*	NUTT.	1,2,4,5,6,7,8,9,0
CLEOME SONORAE	*CLEOME MULTICAULIS*	SESSE & MOCINO EX DC.	4,5,6,7
COMANDRA CALIFORNICA	*COMANDRA UMBELLATA*	(L.) NUTT.	1,2,3,4,5,6,7,8,9,0,A
COMANDRA PALLIDA	*COMANDRA UMBELLATA*	(L.) NUTT.	1,2,3,4,5,6,7,8,9,0,A
COMANDRA RICHARDSIANA	*COMANDRA UMBELLATA*	(L.) NUTT.	1,2,3,4,5,6,7,8,9,0,A
COMANDRA RICHARDSONIANA	*COMANDRA UMBELLATA*	(L.) NUTT.	1,2,3,4,5,6,7,8,9,0,A
COMMELINA DEBILIS	*COMMELINA COMMUNIS*	L.	1,2,3,4,5,6
CONVOLVULUS SEPIUM	*CALYSTEGIA SEPIUM*	(L.) R. BR.	1,2,3,4,5,6,7,8,9,0
CORALLORHIZA VREELANDII	*CORALLORRHIZA STRIATA*	(RYDB.) L.C. WILLIAMS	1,3,4,5,6,7,8,9,0
CORISPERMUM VILLOSUM	*CORISPERMUM HYSSOPIFOLIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
CORNUS OBLIQUA	*CORNUS AMOMUM*	MILL.	1,2,3,4,5,6
CORNUS PRICEAE	*CORNUS DRUMMONDII*	C.A. MEYER	1,2,3,4,5,6
CORNUS PURPUSI	*CORNUS AMOMUM*	MILL.	1,2,3,4,5,6
CORNUS RACEMOSA	*CORNUS FOEMINA*	MILL.	1,2,3,4,5,6
CORNUS SERICEA	*CORNUS STOLONIFERA*	MICHX.	1,3,4,5,7,8,9,0,A
CORNUS STRICTA	*CORNUS FOEMINA*	MILL.	1,2,3,4,5,6
CORNUS X CALIFORNICA	*CORNUS STOLONIFERA*	MICHX.	1,3,4,5,7,8,9,0,A
CORYLUS CALIFORNICA	*CORYLUS CORNUTA*	MARSHALL	1,2,3,4,5,8,9,0
CORYLUS ROSTRATA	*CORYLUS CORNUTA*	MARSHALL	1,2,3,4,5,8,9,0
CRATAEGUS BRACHYPHYLLA	*CRATAEGUS MOLLIS*	SCHEELE	1,2,3,4,5,6
CYPERUS NIGER VAR. CASTANEUS	*CYPERUS RIVULARIS*	KUNTH	1,2,3,4,5,6,8,9,0,H
CYPERUS POLYSTACHYOS VAR. FILICINUS	*CYPERUS FILICULMIS*	VAHL	1,2,3,4,5,6,7,8,9
CYPERUS SPECIOSUS	*CYPERUS ODORATUS*	L.	1,2,3,4,5,6,7,0,C,H
CYSTOPTERIS DICKIEANA	*CYSTOPTERIS FRAGILIS*	(L.) BERNH.	1,2,3,4,5,6,7,8,9,0,A
DANTHONIA AMERICANA	*DANTHONIA CALIFORNICA*	BOLAND.	3,4,7,8,9,0,A
DENTARIA LACINIATA	*CARDAMINE CONCATENATA*	(MICHX.) O. SCHWARZ	1,2,3,4,5,6
DERINGA CANADENSIS	*CRYPTOTAENIA CANADENSIS*	(L.) DC.	1,2,3,4,5,6
DESCHAMPSIA BERINGENSIS	*DESCHAMPSIA CESPITOSA*	(L.) BEAUV.	1,2,3,4,7,8,9,0,A
DESCHAMPSIA HOLCIFORMIS	*DESCHAMPSIA CESPITOSA*	(L.) BEAUV.	1,2,3,4,7,8,9,0,A
DICHROPHYLLUM MARGINATUM	*EUPHORBIA MARGINATA*	PURSH	1,2,3,4,5,6,7,8,9
DIGITARIA VIOLASCENS	*DIGITARIA ISCHAEMUM*	(SCHREB.) SCHREB. EX MUHL.	1,2,3,4,5,6,7,8,9,0,C
DIPLACHNE ACUMINATA	*LEPTOCHLOA FASCICULARIS*	(LAM.) GRAY	1,2,3,4,5,6,7,8,9,0,C
DIPLACHNE FASCICULARIS	*LEPTOCHLOA FASCICULARIS*	(LAM.) GRAY	1,2,3,4,5,6,7,8,9,0,C

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SYNONYMY	SCI-NAME	AUTHOR	REGION
DIPLACHNE HALEI	*LEPTOCHLOA FASCICULARIS*	(LAM.) GRAY	1,2,3,4,5,6,7,8,9,0,C
DIPLACHNE MARITIMA	*LEPTOCHLOA FASCICULARIS*	(LAM.) GRAY	1,2,3,4,5,6,7,8,9,0,C
DISTICHLIS STRICTA	*DISTICHLIS SPICATA*	(L.) GREENE	3,4,5,6,7,8,9,0
DISTICHLIS STRICTA	*DISTICHLIS SPICATA*	(L.) GREENE	1,2,3,4,5,6,7,8,9,0
DODECATHEON CUSICKII	*DODECATHEON PULCHELLUM*	(RAF.) MERRILL	3,4,5,7,8,9,0,A
DODECATHEON PULCHELLUM SSP. PAUCIFLORUM	*DODECATHEON PAUCIFLORUM*	(DURAND) GREENE	4,5,8,9,0,A
DODECATHEON THYRSIFLORA	*LYSIMACHIA THYRSIFLORA*	L.	1,3,4,5,8,9,0,A
DRACOCEPHALUM NUTTALLII	*PHYSOSTEGIA PARVIFLORA*	NUTT. EX GRAY	3,4,5,6,8,9
DRYOPTERIS CARTHUSIANA	*DRYOPTERIS SPINULOSA*	(O.F. MUELL.) WATT	1,2,3,4,5,9
DRYOPTERIS DISJUNCTA	*GYMNOCARPIUM DRYOPTERIS*	(L.) E. NEWMAN	1,2,3,4,7,8,9,A
ECHINOCHLOA MICROSTACHYA	*ECHINOCHLOA MURICATA*	(BEAUV.) FERNALD	1,2,3,4,5,6,7,8,9,0
ECHINOCHLOA OCCIDENTALIS	*ECHINOCHLOA CRUSGALLI*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,C,H
ECHINODORUS BERTEROI	*ECHINODORUS ROSTRATUS*	(NUTT.) ENGELM.	1,2,3,4,5,6,7,8,0,C
ELANTINE TEXANA	*BERGIA TEXANA*	(HOOK.) SEUBERT	2,3,4,5,6,7,8,9,0
ELEOCHARIS ACUMINATA	*ELEOCHARIS COMPRESSA*	SULLIVANT	1,2,3,4,5,6,7
ELEOCHARIS DIANDRA	*ELEOCHARIS OVATA*	(ROTH) ROEM. & J.A. SCHULTES	1,2,3,4,5,6,8,9
ELEOCHARIS DIANDRA	*ELEOCHARIS OBTUSA*	(WILLD.) J.A. SCHULTES	1,2,3,4,5,6,7,8,9,0,H
ELEOCHARIS MACOUNII	*ELEOCHARIS OBTUSA*	(WILLD.) J.A. SCHULTES	1,2,3,4,5,6,7,8,9,0,H
ELEOCHARIS OBTUSA VAR. OVATA	*ELEOCHARIS OVATA*	(ROTH) ROEM. & J.A. SCHULTES	1,2,3,4,5,6,8,9
ELEOCHARIS PALUSTRUS	*ELEOCHARIS MACROSTACHYA*	BRITTON	1,2,3,4,5,6,7,8,9,0,A
ELEOCHARIS REVERCHONII	*ELEOCHARIS ACICULARIS*	(L.) ROEM. & J.A. SCHULTES	1,2,3,4,5,6,7,8,9,0,A,H
ELEUSINE GRACILIS	*ELEUSINE INDICA*	(L.) GAERTN.	1,2,3,4,5,6,7,8,9,0,C,H
ELEUSINE POLYDACTYLA	*ELEUSINE INDICA*	(L.) GAERTN.	1,2,3,4,5,6,7,8,9,0,C,H
ELODEA IOWENSIS	*ELODEA CANADENSIS*	MICHX.	1,2,3,4,5,6,7,8,9,0,C
ELODEA LATIFOLIA	*ELODEA CANADENSIS*	MICHX.	1,2,3,4,5,6,7,8,9,0,C
ELODEA PLANCHONII	*ELODEA CANADENSIS*	MICHX.	1,2,3,4,5,6,7,8,9,0,C
ELYMUS BRACHYSTACHYS	*ELYMUS CANADENSIS*	L.	1,2,3,4,5,6,7,8,9,0
ELYMUS ELYMOIDES	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
ELYMUS REPENS	*AGROPYRON REPENS*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,A
ELYMUS SPICATUS	*AGROPYRON SPICATUM*	(PURSH) SCRIBN. & J.G. SMITH	4,5,6,7,8,9,0,A
ELYMUS VIRESCENS	*ELYMUS GLAUCUS*	BUCKLEY	1,2,3,4,7,8,9,0,A
EPILOBIUM ALPINUM	*EPILOBIUM ANAGALLIDIFOLIUM*	LAM.	1,4,7,8,9,0,A
EPILOBIUM BEHRINGIANUM	*EPILOBIUM HORNEMANNII*	REICHENB.	1,3,4,5,7,8,9,0,A
EPILOBIUM BREVISTYLUM	*EPILOBIUM HALLEANUM*	HAUSSKN.	4,7,8,9,0
EPILOBIUM BREVISTYLUM	*EPILOBIUM CILIATUM*	RAF.	1,2,3,4,5,6,7,8,9,0,A,H
EPILOBIUM CALIFORNICUM	*EPILOBIUM CILIATUM*	RAF.	1,2,3,4,5,6,7,8,9,0,A,H
EPILOBIUM DENSUM	*EPILOBIUM LEPTOPHYLLUM*	RAF.	1,2,3,4,5,7,8,9
EPILOBIUM GLANDULOSUM	*EPILOBIUM CILIATUM*	RAF.	1,2,3,4,5,6,7,8,9,0,A,H
EPILOBIUM GLANDULOSUM	*EPILOBIUM HALLEANUM*	HAUSSKN.	4,7,8,9,0
EPILOBIUM GLANDULOSUM	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM LATIUSCULUM	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM LINEARE	*EPILOBIUM LEPTOPHYLLUM*	RAF.	1,2,3,4,5,7,8,9
EPILOBIUM NESOPHILUM	*EPILOBIUM LEPTOPHYLLUM*	RAF.	1,2,3,4,5,7,8,9
EPILOBIUM OVATIFOLIUM	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM PALMERI	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM PANICULATUM	*EPILOBIUM BRACHYCARPUM*	PRESL	3,4,7,8,9,0
EPILOBIUM PRINGLEANUM	*EPILOBIUM HALLEANUM*	HAUSSKN.	4,7,8,9,0
EPILOBIUM RUBESCENS	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM SCALARE	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM SERTULATUM	*EPILOBIUM HORNEMANNII*	REICHENB.	1,3,4,5,7,8,9,0,A
EPILOBIUM STECKERIANUM	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A
EPILOBIUM STRAMINEUM	*EPILOBIUM SAXIMONTANUM*	HAUSSKN.	4,5,7,8,9,0,A

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
EPILOBIUM URSINUM	*EPILOBIUM HALLEANUM*	HAUSSKN.	4,7,8,9,0
EPILOBIUM WATSONII	*EPILOBIUM CILIATUM*	RAF.	1,2,3,4,5,6,7,8,9,0,A,H
EQUISETUM AFFINE	*EQUISETUM HYEMALE*	L.	1,2,3,4,5,6,7,8,9,0,A
EQUISETUM CALDERI	*EQUISETUM ARVENSE*	L.	1,2,3,4,5,6,7,8,9,0,A
EQUISETUM FUNSTONII	*EQUISETUM LAEVIGATUM*	A. BRAUN	1,2,3,4,5,6,7,8,9,0
EQUISETUM KANSANUM	*EQUISETUM LAEVIGATUM*	A. BRAUN	1,2,3,4,5,6,7,8,9,0
EQUISETUM LIMOSUM	*EQUISETUM FLUVIATILE*	L.	1,3,4,5,9,A
EQUISETUM PRAEALTUM	*EQUISETUM HYEMALE*	L.	1,2,3,4,5,6,7,8,9,0,A
ERAGROSTIS CAROLINIANA	*ERAGROSTIS PECTINACEA*	(MICHX.) NEES	1,2,3,4,5,6,7,8,9,0
ERAGROSTIS DIFFUSA	*ERAGROSTIS PECTINACEA*	(MICHX.) NEES	1,2,3,4,5,6,7,8,9,0
ERAGROSTIS PERPLEXA	*ERAGROSTIS PILOSA*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,C,H
ERAGROSTIS WEIGELTIANA	*ERAGROSTIS REPTANS*	(MICHX.) NEES	1,2,3,4,5,6
ERIGERON CANADENSIS	*CONYZA CANADENSIS*	(L.) CRONQ.	1,2,3,4,5,6,7,8,9,0,C,H
ERIGERON GLABELLUS VAR. PUBESCENS	*ERIGERON OXYDONTUS*	LUNELL	4
ERIGERON MINOR	*ERIGERON LONCHOPHYLLUS*	HOOK.	3,4,7,8,9,0,A
ERIOPHORUM ANGUSTIFOLIUM SSP. SUBARCTICUM	*ERIOPHORUM POLYSTACHION*	L.	1,3,4,5,9,A
EUPATORIUM ALTISSIMUM	*AGERATINA ALTISSIMA*	(L.) R.M. KING & H. ROB.	1,2,3,4,5,6
EUPATORIUM MACULATUM	*EUPATORIADELPHUS MACULATUS*	(L.) R.M. KING & H. ROB.	1,2,3,4,5,7,8,9
EUPATORIUM RUGOSUM	*AGERATINA ALTISSIMA*	(L.) R.M. KING & H. ROB.	1,2,3,4,5,6
EUPHORBIA CYATHOPHORA	*EUPHORBIA HETEROPHYLLA*	L.	1,2,3,4,5,6,7,C,H
EUPHORBIA PRESLII	*EUPHORBIA NUTANS*	LAG.	1,2,3,4,5,6,0,C
EUPHORBIA SERPENS	*CHAMAESYCE SERPENS*	(H.B.K.) SMALL	1,2,3,4,5,6,7,9,0,C
EUPHORBIA SUPINA	*EUPHORBIA MACULATA*	L.	1,2,3,4,5,6,7,8,9,0
EUSTOMA RUSSELLIANUM	*EUSTOMA GRANDIFLORUM*	(RAF.) SHINNERS	2,4,5,6,7
EUTHAMIA GYMNOSPERMOIDES	*EUTHAMIA CAMPORUM*	GREENE	1,2,3,4,5,6
EVONYMUS ATROPURPUREUS	*EUONYMUS ATROPURPUREUS*	JACQ.	1,2,3,4,5,6
FESTUCA ELATIOR	*FESTUCA PRATENSIS*	HUDS.	1,2,3,4,5,6,7,8,9,0
FESTUCA FLUITANS	*GLYCERIA FLUITANS*	(L.) R. BR.	1,2,4,9,H
FESTUCA OCTOFLORA	*VULPIA OCTOFLORA*	(WALTER) RYDB.	1,2,3,4,5,6,7,8,9,0,H
FESTUCA SHORTII	*FESTUCA PRATENSIS*	HUDS.	1,2,3,4,5,6,7,8,9,0
FIMBRISTYLIS CAPILLARIS	*BULBOSTYLIS CAPILLARIS*	(L.) C.B. CLARKE	1,2,3,4,5,6,7,9,0,C,H
FIMBRISTYLIS GENINATA	*FIMBRISTYLIS AUTUMNALIS*	(L.) ROEM. & J.A. SCHULTES	1,2,3,4,5,6
FLOERKEA OCCIDENTALIS	*FLOERKEA PROSERPINACOIDES*	WILLD.	1,2,3,4,8,9,0
FLUMINEA FESTUCACEA	*SCOLOCHLOA FESTUCACEA*	(WILLD.) LINK	3,4,5,9,A
FRAGARIA CANADENSIS	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRAGARIA GLAUCA	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRAGARIA GRAYANA	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRAGARIA MULTICIPITA	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRAGARIA OVALIS	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRAGARIA PLATYPETALA	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRAGARIA TRUNCATA	*FRAGARIA VIRGINIANA*	DUCHESNE	1,2,3,4,5,6,7,8,9,0,A
FRASERA SPECIOSA	*SWERTIA RADIATA*	(KELLOGG) KUNTZE	4,6,7,8,9,0
FRAXINUS CAMPESTRIS	*FRAXINUS PENNSYLVANICA*	MARSHALL	1,2,3,4,5,6,8,9
FRAXINUS DARLINGTONII	*FRAXINUS PENNSYLVANICA*	MARSHALL	1,2,3,4,5,6,8,9
GALIUM COLUMBIANUM	*GALIUM TRIFIDUM*	L.	1,2,3,4,5,6,7,8,9,0,A
GALIUM FILIFOLIUM	*GALIUM OBTUSUM*	BIGEL.	1,2,3,4,5,6,7
GALIUM HYSSOPIFOLIUM	*GALIUM BOREALE*	L.	1,3,4,5,6,7,8,9,0,A
GAURA COLORADENSIS	*GAURA NEOMEXICANA*	WOOTON	4,5,7,8
GENTIANA AMARELLA	*GENTIANELLA AMARELLA*	(L.) BOERNER	1,3,4,5,7,8,9,0,A
GENTIANA BIGELOVII	*GENTIANA AFFINIS*	GRISEB.	3,4,6,7,8,9,0
GENTIANA CRINITA	*GENTIANOPSIS CRINITA*	(FROEL.) MA	1,2,3,4
GENTIANA MACOUNII	*GENTIANOPSIS PROCERA*	(TH. HOLM) MA	1,3,4

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
GENTIANA PROCERA	*GENTIANOPSIS VIRGATA*	(RAF.) J. HOLUB	1,3,4
GENTIANA TONSA	*GENTIANOPSIS PROCERA*	(TH. HOLM) MA	1,3,4
GENTIANA VICTORINII	*GENTIANOPSIS PROCERA*	(TH. HOLM) MA	1,3,4
GERANIUM CANUM	*GERANIUM VISCOSISSIMUM*	FISCH. & C.A. MEYER	4,5,7,8,9,0
GEUM CAMPANULATUM	*GEUM TRIFLORUM*	PURSH	1,3,4,7,8,9,0
GEUM OREGONENSE	*GEUM MACROPHYLLUM*	WILLD.	1,3,4,5,7,8,9,0,A
GLECHOMA HEDERACEA	*GLECOMA HEDERACEA*	L.	1,2,3,4,5,6,8,9,0,A
GLYCERIA GRANDIS	*GLYCERIA MAXIMA*	(HARTM.) O.R. HOLMBERG	1,2,3,4,5,7,8,9,0,A
GLYCERIA NERVATA	*GLYCERIA STRIATA*	(LAM.) A. HITCHC.	1,2,3,4,5,6,7,8,9,0,A
GLYCERIA PAUCIFLORA	*PUCCINELLIA PAUCIFLORA*	(J. PRESL) MUNZ	4,7,8,9,0,A
GLYCERIA SPECTABILIS	*PUCCINELLIA PAUCIFLORA*	(J. PRESL) MUNZ	4,7,8,9,0,A
GLYCERIA SPECTABILIS	*GLYCERIA MAXIMA*	(HARTM.) O.R. HOLMBERG	1,2,3,4,5,7,8,9,0,A
GLYCINE APIOS	*APIOS AMERICANA*	MEDIC.	1,2,3,4,5,6
GNAPHALIUM ULIGINOSUM	*FILAGINELLA ULIGINOSA*	(L.) OPIZ	1,3,4,5,8,9,A
GOODYERA OPHIDIDES	*GOODYERA REPENS*	(L.) R. BR. IN W.T. AIT.	1,2,3,4,6,7,8,9,A
GROSSULARIA STEOSA	*RIBES SETOSUM*	LINDL.	3,4,5,8,9
HABENARIA CLAVELLATA	*PLATANTHERA X CLAVELLATA*	(MICHX.) LUER	1,2,3,4,6,9
HABENARIA DILATATA	*PLATANTHERA DILATATA*	(PURSH) LINDL. EX BECK	1,3,4,7,8,9,0,A
HABENARIA HOLOCHILA	*PLATANTHERA HYPERBOREA*	(L.) LINDL.	1,3,4,5,7,8,9,0,A,H
HABENARIA LEVCOPHAEA	*PLATANTHERA LEUCOPHAEA*	(NUTT.) LINDL.	1,2,3,4,5,6
HABENARIA ORBICULATA	*PLATANTHERA ORBICULATA*	(PURSH) LINDL.	1,2,3,4,9,A
HABENARIA VIRIDIS	*COELOGLOSSUM VIRIDE*	(L.) HARTM.	1,2,3,4,5,7,8,9,A
HABERARIA HYPERBOREA	*PLATANTHERA HYPERBOREA*	(L.) LINDL.	1,3,4,5,7,8,9,0,A,H
HEDYSARUM PHILOSCIA	*HEDYSARUM ALPINUM*	L.	1,4,5,8,9,A
HELENIUM VIRGINICUM	*HELENIUM AUTUMNALE*	L.	1,2,3,4,5,6,7,8,9,0
HELIANTHUS DALYI	*HELIANTHUS MAXIMILIANI*	SCHRAD.	1,2,3,4,5,6,8,9,0
HELIANTHUS INSTABILIS	*HELIANTHUS GROSSESERRATUS*	M. MARTENS	1,2,3,4,5,6,7
HELIOTROPIUM SPATHULATUM	*HELIOTROPIUM CURASSAVICUM*	L.	1,2,3,4,5,6,7,8,9,0,C,H
HERACLEUM MAXIMUM	*HERACLEUM LANATUM*	MICHX.	1,2,3,4,5,7,8,9,0,A
HETERANTHERA DUBIA	*ZOSTERELLA DUBIA*	(JACQ.) SMALL	1,2,3,4,5,6,7,9,0
HETEROTHECA LATIFOLIA	*HETEROTHECA SUBAXILLARIS*	(LAM.) BRITTON & RUSBY	1,2,3,4,5,6,7,8,0
HIEROCHLOE NASHII	*HIEROCHLOE ODORATA*	(L.) BEAUV.	1,3,4,7,8,9,A
HOLCUS HALEPENSIS	*SORGHUM HALEPENSE*	(L.) PERS.	1,2,3,4,5,6,7,8,9,0,C,H
HOLCUS SORGHUM	*SORGHUM BICOLOR*	(L.) MOENCH	1,2,3,4,6,7,8,0,C,H
IMPATIENS BIFLORA	*IMPATIENS CAPENSIS*	MEERB.	1,2,3,4,5,6,8,9
IMPATIENS NORTONII	*IMPATIENS CAPENSIS*	MEERB.	1,2,3,4,5,6,8,9
IPOMOEA HIRSUTULA	*IPOMOEA PURPUREA*	(L.) ROTH	1,2,3,4,5,6,7,8,0,C
ISOPYRUM BITERNATUM	*ENEMION BITERNATUM*	RAF.	1,2,3,4,5,6
IVA CILIATA	*IVA ANNUA*	L.	1,2,3,4,5,6,7
JUNCOIDES INTERMEDIUM	*LUZULA MULTIFLORA*	(EHRH. EX HOFFM.) LEJ.	1,2,3,4,5,7,8,9,0,A
JUNCUS ARIZONICUS	*JUNCUS INTERIOR*	WIEGAND	1,2,3,4,5,6,7,8,9
JUNCUS BICORNIS	*JUNCUS TENUIS*	WILLD.	1,2,3,4,5,6,7,8,9,0,A,C,H
JUNCUS DUDLEYI	*JUNCUS TENUIS*	WILLD.	1,2,3,4,5,6,7,8,9,0,A,C,H
JUNCUS MACER	*JUNCUS TENUIS*	WILLD.	1,2,3,4,5,6,7,8,9,0,A,C,H
JUNCUS RICHARDSONIANUS	*JUNCUS ALPINUS*	VILLARS	1,3,4,5,8,9,A
KOELLIA HUGERI	*PYCNANTHEMUM VIRGINIANUM*	(L.) TH. DURAND & B.D. JACKS. EX B. ROB. & FERNALD	1,2,3,4,5,6
KOELLIA VIRGINIANA	*PYCNANTHEMUM VIRGINIANUM*	(L.) TH. DURAND & B.D. JACKS. EX B. ROB. & FERNALD	1,2,3,4,5,6
LACINARIA PYCNOSTACHYA	*LIATRIS PYCNOSTACHYA*	MICHX.	1,2,3,4,5,6
LACINIARIA LIGULISTYLIS	*LIATRIS LIGULISTYLUS*	(A. NELS.) K. SCHUM.	2,3,4,7,8,9
LACTUCA MULTIFIDA	*LACTUCA BIENNIS*	(MOENCH) FERNALD	1,2,3,4,5,8,9,0,A
LACTUCA SAGITTIFOLIA	*LACTUCA CANADENSIS*	L.	1,2,3,4,5,6,7,8,9,0
LACTUCA STEELEI	*LACTUCA CANADENSIS*	L.	1,2,3,4,5,6,7,8,9,0

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SYNONYMY	SCI-NAME	AUTHOR	REGION
LAPPULA FLORIBUNDA	*HACKELIA FLORIBUNDA*	(LEHM.) I. JOHNST.	1,3,4,5,6,7,8,9,0
LAPPULA VIRGINIANA	*HACKELIA VIRGINIANA*	(L.) I. JOHNST.	1,2,3,4,5,6
LEMNA CYCLOSTASA	*LEMNA VALDIVIANA*	PHILIPPI	1,2,3,4,5,6,7,8,9,0
LEMNA CYCLOSTASA	*LEMNA MINOR*	L.	1,2,3,4,5,6,7,8,9,0,A,H
LEMNA POLYRHIZA	*SPIRODELA POLYRHIZA*	(L.) SCHLEID.	1,2,3,4,5,6,7,8,9,0,C,H
LEPADENA MARGINATA	*EUPHORBIA MARGINATA*	PURSH	1,2,3,4,5,6,7,8,9
LEPIDIUM NEGLECTUM	*LEPIDIUM DENSIFLORUM*	SCHRAD.	1,2,3,4,5,6,7,8,9,0,A
LEPTOCHLOA ATTENUATA	*LEPTOCHLOA FILIFORMIS*	(LAM.) BEAUV.	1,2,3,4,5,6,7,8,0,C
LEPTOCHLOA PANICEA	*LEPTOCHLOA FILIFORMIS*	(LAM.) BEAUV.	1,2,3,4,5,6,7,8,0,C
LIATRIS KANSANA	*LIATRIS LANCIFOLIA*	(GREENE) KITTELL	3,4,5,6,7
LILIUM COLUMBIANUM	*LILIUM CANADENSE*	L.	1,2,3,4,5,9,0
LILIUM MICHIGANENSE	*LILIUM CANADENSE*	L.	1,2,3,4,5,9,0
LILIUM MONTANUM	*LILIUM PHILADELPHICUM*	L.	1,2,3,4,5,6,7,8,9
LILIUM UMBELLATUM	*LILIUM PHILADELPHICUM*	L.	1,2,3,4,5,6,7,8,9
LINDERNIA DUBIA VAR. ANAGALLIDEA	*LINDERNIA ANAGALLIDEA*	(MICHX.) PENNELL	1,2,3,4,5,6,7,8,9,0
LINNAEA AMERICANA	*LINNAEA BOREALIS*	L.	1,2,3,4,7,8,9,0,A
LIPPIA CUNEIFOLIA	*PHYLA CUNEIFOLIA*	(TORR.) GREENE	2,3,4,5,6,7,8
LIPPIA LANCEOLATA	*PHYLA LANCEOLATA*	(MICHX.) GREENE	1,2,3,4,5,6,7,8,0
LOBELIA LEPTOSTACHYS	*LOBELIA SPICATA*	LAM.	1,2,3,4,5,6
LOPHOTOCARPUS CALIFORNICUS	*SAGITTARIA CALYCINA*	ENGELM.	1,2,3,4,5,6,7,0
LOPHOTOCARPUS CALYCINUS	*SAGITTARIA CALYCINA*	ENGELM.	1,2,3,4,5,6,7,0
LUZULA CAMPESTRIS	*LUZULA MULTIFLORA*	(EHRH. EX HOFFM.) LEJ.	1,2,3,4,5,7,8,9,0,A
LUZULA SUDETICA	*LUZULA MULTIFLORA*	(EHRH. EX HOFFM.) LEJ.	1,2,3,4,5,7,8,9,0,A
LYCOPODIUM ANCEPS	*LYCOPODIUM COMPLANATUM*	L.	1,3,4,9,A
LYCOPODIUM FLABELLIFORME	*LYCOPODIUM COMPLANATUM*	L.	1,3,4,9,A
LYCOPODIUM OBSCURUM VAR. DENDROIDEUM	*LYCOPODIUM DENDROIDEUM*	MICHX.	1,2,3,4,9,A
LYCOPUS LUCIDUS	*LYCOPUS ASPER*	GREENE	1,3,4,5,6,7,8,9,0,A
LYCOPUS SINUATUS	*LYCOPUS AMERICANUS*	MUHL. EX W. BARTON	1,2,3,4,5,6,7,8,9,0
LYSIMACHIA LONGIFOLIA	*LYSIMACHIA QUADRIFLORA*	SIMS	1,2,3,4,5,6
LYTHRUM DACOTANUM	*LYTHRUM ALATUM*	PURSH	1,2,3,4,5,6,8
LYTHRUM LANCEOLATUM	*LYTHRUM ALATUM*	PURSH	1,2,3,4,5,6,8
MARSILEA MUCRONATA	*MARSILEA VESTITA*	HOOK. & GREV.	2,3,4,5,6,7,8,9,0
MARSILEA OLIGOSPARA	*MARSILEA VESTITA*	HOOK. & GREV.	2,3,4,5,6,7,8,9,0
MARTYNIA LOUISIANA	*PROBOSCIDEA LOUISIANICA*	(MILL.) THELL.	1,2,3,4,5,6,7,8,9,0
MARUTA COTULA	*ANTHEMIS COTULA*	L.	1,2,3,4,5,6,7,8,9,0,A,H
MATRICARIA INODORA	*MATRICARIA PERFORATA*	MERAT	1,2,3,4,8,9,A
MATTEUCCIA PENSYLVANICA	*MATTEUCCIA STRUTHIOPTERIS*	(L.) TODARO	1,3,4,A
MICRAMPELIS LOBATA	*ECHINOCYSTIS LOBATA*	(MICHX.) TORR. & GRAY	1,2,3,4,5,6,7,8,9
MICROSTERIS HUMILIS	*MICROSTERIS GRACILIS*	(HOOK.) GREENE	3,4,5,7,8,9,0,A
MICROSTERIS MICRANTHA	*MICROSTERIS GRACILIS*	(HOOK.) GREENE	3,4,5,7,8,9,0,A
MIMULUS FREMONTII	*MIMULUS GLABRATUS*	H.B.K.	3,4,5,6,7,8,9,0
MIMULUS PALLIDUS	*MIMULUS RINGENS*	L.	1,2,3,4,5,6,9
MOLDAVICA PARVIFLORA	*DRACOCEPHALUM PARVIFLORUM*	NUTT.	1,2,3,4,5,7,8,9,A
MOLLUGO BERTERIANA	*MOLLUGO VERTICILLATA*	L.	1,2,3,4,5,6,7,8,9,0,C
MONARDA MENTHAEFOLIA	*MONARDA FISTULOSA*	L.	1,2,3,4,5,6,7,8,9
MONARDA MOLLIS	*MONARDA FISTULOSA*	L.	1,2,3,4,5,6,7,8,9
MONARDA SCABRA	*MONARDA FISTULOSA*	L.	1,2,3,4,5,6,7,8,9
MONESES UNIFLORA	*PYROLA UNIFLORA*	L.	1,3,4,7,8,9,0,A
MONOTROPA BRITTONII	*MONOTROPA UNIFLORA*	L.	1,2,3,4,5,6,7,9,0,A
MONTIA PERFOLIATA	*CLAYTONIA PERFOLIATA*	DONN EX WILLD.	4,7,8,9,0,A
MUHLENBERGIA COMMUTATA	*MUHLENBERGIA FRONDOSA*	(POIR.) FERNALD	1,2,3,4,5,6
MUHLENBERGIA IDAHOENSIS	*MUHLENBERGIA FILIFORMIS*	(THURB. EX S. WATS.) RYDB.	4,5,7,8,9,0

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
MYOSOTIS PALUSTRIS	*MYOSOTIS SCORPIOIDES*	L.	1,2,3,4,7,8,9,0,A
MYOSURUS APETALUS	*MYOSURUS MINIMUS*	L.	1,2,3,4,5,6,7,8,9,0
MYOSURUS SESSILIS	*MYOSURUS MINIMUS*	L.	1,2,3,4,5,6,7,8,9,0
MYRIOPHYLLUM EXALBESCENS	*MYRIOPHYLLUM SPICATUM*	L.	1,2,3,4,5,6,7,8,9,0,A
MYRIOPHYLLUM SCABRATUM	*MYRIOPHYLLUM PINNATUM*	(WALTER) B.S.P.	1,2,3,4,5,6
NABALUS ALBUS	*PRENANTHES ALBA*	L.	1,2,3,4
NABALUS ASPER	*PRENANTHES ASPERA*	MICHX.	1,2,3,4,5,6
NABALUS RACEMOSUS	*PRENANTHES RACEMOSA*	MICHX.	1,3,4,5,8,9
NAJAS CAESPITOSA	*NAJAS FLEXILIS*	(WILLD.) ROSTK. & W.L.E. SCHMIDT	1,2,3,4,5,7,8,9,0
NAJAS GRACILIS	*NAJAS MARINA*	L.	1,2,3,4,6,7,8,0,C
NAJAS MAJOR	*NAJAS MARINA*	L.	1,2,3,4,6,7,8,0,C
NAJAS MUENSCHERI	*NAJAS GUADALUPENSIS*	(SPRENG.) MORONG	1,2,3,4,5,6,7,8,9,0,C
NAJAS OLIVACEA	*NAJAS GUADALUPENSIS*	(SPRENG.) MORONG	1,2,3,4,5,6,7,8,9,0,C
NASTURTIUM TRACHYCARPA	*RORIPPA SINUATA*	(NUTT.) A. HITCHC.	1,2,3,4,5,6,7,8,9,0
NEPETA HEDERACEA	*GLECOMA HEDERACEA*	L.	1,2,3,4,5,6,8,9,0,A
NORTA ALTISSIMA	*SISYMBRIUM ALTISSIMUM*	L.	1,2,3,4,5,6,7,8,9,0,A,H
NUPHAR ADVENA	*NUPHAR LUTEUM*	(L.) SIBTH. & J.E. SMITH	1,2,3,4,5,6,7,8,9,0,A
NUPHAR MICROPHYLLUM	*NUPHAR LUTEUM*	(L.) SIBTH. & J.E. SMITH	1,2,3,4,5,6,7,8,9,0,A
NUPHAR POLYSEPALUM	*NUPHAR LUTEUM*	(L.) SIBTH. & J.E. SMITH	1,2,3,4,5,6,7,8,9,0,A
NUPHAR SAGITTIFOLIUM	*NUPHAR LUTEUM*	(L.) SIBTH. & J.E. SMITH	1,2,3,4,5,6,7,8,9,0,A
NUPHAR VARIEGATUM	*NUPHAR LUTEUM*	(L.) SIBTH. & J.E. SMITH	1,2,3,4,5,6,7,8,9,0,A
NYCTELEA NYCTELEA	*ELLISIA NYCTELEA*	L.	1,2,3,4,5,6,7,8,9
OAKESIELLA SESSILIFOLIA	*UVULARIA SESSILIFOLIA*	L.	1,2,3,4,6
OENOTHERA HAMATA	*OENOTHERA FLAVA*	(A. NELS.) GARRETT	4,5,7,8,9,0
OENOTHERA HOOKERI	*OENOTHERA ELATA*	H.B.K.	1,2,3,4,5,6,7,8,9,0
OENOTHERA MURICATA	*OENOTHERA BIENNIS*	L.	1,2,3,4,5,6,8,9
OENOTHERA RYDBERGII	*OENOTHERA VILLOSA*	THUNB.	1,2,3,4,5,6,7,8,9
OPULASTER INTERMEDIUS	*PHYSOCARPUS OPULIFOLIUS*	(L.) MAXIM.	1,2,3,4,5,6,8,9
OPULASTER MONOGYNUS	*PHYSOCARPUS MONOGYNUS*	(TORR.) COULT.	4,5,6,7,8,9
OPULASTER OPULIFOLIUS	*PHYSOCARPUS OPULIFOLIUS*	(L.) MAXIM.	1,2,3,4,5,6,8,9
ORTHILA SECUNDA	*PYROLA SECUNDA*	L.	1,3,4,5,7,8,9,0,A
ORYZOPSIS CONTRACTA	*ORYZOPSIS HYMENOIDES*	(ROEM. & J.A. SCHULTES) RICKER EX PIPER	3,4,5,6,7,8,9,0
OXALIS ALBICANS	*OXALIS CORNICULATA*	L.	1,2,3,4,5,6,7,8,9,0,C,H
OXALIS PILOSA	*OXALIS CORNICULATA*	L.	1,2,3,4,5,6,7,8,9,0,C,H
OXALIS REPENS	*OXALIS CORNICULATA*	L.	1,2,3,4,5,6,7,8,9,0,C,H
OXALIS STRICTA	*OXALIS EUROPAEA*	JORDAN	1,2,3,4,5,6
OXYBAPHUS NYCTAGINEUS	*MIRABILIS NYCTAGINEA*	(MICHX.) MACMIL.	1,2,3,4,5,6,7,8,9,0
OXYTROPIS FOLIOLOSA	*OXYTROPIS DEFLEXA*	(PALLAS) DC.	3,4,5,7,8,9,0,A
OXYTROPIS INVOLUTA	*OXYTROPIS LAMBERTII*	PURSH	3,4,5,6,7,8,9
PANICULARIA FLUITANS	*GLYCERIA FLUITANS*	(L.) R. BR.	1,2,4,9,H
PANICULARIA GRANDIS	*GLYCERIA MAXIMA*	(HARTM.) O.R. HOLMBERG	1,2,3,4,5,7,8,9,0,A
PANICUM ACULEATUM	*DICHANTHELIUM SCABRIUSCULUM*	(ELLIOTT) GOULD & C.A. CLARK	1,2,4,6
PANICUM AMARULUM	*PANICUM VIRGATUM*	L.	1,2,3,4,5,6,7,8,9,H
PANICUM BARBIPULVINATUM	*PANICUM CAPILLARE*	L.	1,2,3,4,5,6,7,8,9,0,C
PANICUM CRYPTANTHUM	*DICHANTHELIUM SCABRIUSCULUM*	(ELLIOTT) GOULD & C.A. CLARK	1,2,4,6
PANICUM CURTIFOLIUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM GLUTINOSCABRUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM IMPLICATUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM LANUGINOSUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM LEUCOTHRIX	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM LONGILIGULATUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM RECOGNITUM	*DICHANTHELIUM SCABRIUSCULUM*	(ELLIOTT) GOULD & C.A. CLARK	1,2,4,6

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SYNONYMY	SCI-NAME	AUTHOR	REGION
PANICUM SCABRISCULUM	*DICHANTHELIUM SCABRIUSCULUM*	(ELLIOTT) GOULD & C.A. CLARK	1,2,4,6
PANICUM SERETUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM THERMALE	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PANICUM WRIGHTIANUM	*DICHANTHELIUM ACUMINATUM*	(SWARTZ) GOULD & C.A. CLARK	1,2,3,4,5,6,7,8,9,0,C
PARIETARIA OBTUSA	*PARIETARIA PENSYLVANICA*	MUHL. EX WILLD.	1,2,3,4,5,6,7,8,9,0
PARNASSIA AMERICANA	*PARNASSIA GLAUCA*	RAF.	1,3,4
PARNASSIA CALIFORNICA	*PARNASSIA PALUSTRIS*	L.	1,3,4,8,9,0,A
PARTHENOCISSUS HIRSUTA	*PARTHENOCISSUS QUINQUEFOLIA*	(L.) PLANCH.	1,2,3,4,5,6,7,9
PARTHENOCISSUS INSERTA	*PARTHENOCISSUS VITACEA*	(KNERR) A. HITCHC.	1,2,3,4,5,6,7,8,0
PEDICULARIS GLADIATA	*PEDICULARIS CANADENSIS*	L.	1,2,3,4,5,6,7,8
PEDICULARIS PROCERA	*PEDICULARIS GRAYI*	A. NELS.	4,7,8,9
PERITOMA LUTEUM	*CLEOME LUTEA*	HOOK.	4,5,7,8,9,0
PERITOMA SERRULATUM	*CLEOME SERRULATA*	PURSH	1,2,3,4,5,6,7,8,9,0
PERITOMA SONORAE	*CLEOME MULTICAULIS*	SESSE & MOCINO EX DC.	4,5,6,7
PERSICARIA HYDROPIPER	*POLYGONUM HYDROPIPER*	L.	1,2,3,4,5,6,7,8,9,0,A,H
PERSICARIA MESOCHORA	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
PERSICARIA NEBRASKENSIS	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
PERSICARIA PSYCROPHILA	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
PERSICARIA VESTITA	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
PETASITES FRIGIDUS VAR. PALMATUS	*PETASITES PALMATUS*	(AIT.) GRAY	1,3,4,9,0,A
PETASITES VITIFOLIUS	*PETASITES FRIGIDUS*	(L.) FR.	1,3,4,9,0,A
PHACA BODINII	*ASTRAGALUS BODINII*	SHELDON	4,8,9,A
PHACA SALSULA	*SPHAEROPHYSA SALSULA*	(PALLAS) DC.	4,6,7,8,9,0
PHASEOLUS HELVOLUS	*STROPHOSTYLES HELVOLA*	(L.) ELLIOTT	1,2,3,4,5,6
PHLEUM COMMUTATUM	*PHLEUM ALPINUM*	L.	1,3,4,7,8,9,0,A
PHLOX ARGILLACEA	*PHLOX PILOSA*	L.	1,2,3,4,5,6
PHLOX GRACILIS	*MICROSTERIS GRACILIS*	(HOOK.) GREENE	3,4,5,7,8,9,0,A
PHRAGMITES COMMUNIS	*PHRAGMITES AUSTRALIS*	(CAV.) TRIN. EX STEUD.	1,2,3,4,5,6,7,8,9,0,C
PHRAGMITES PHRAGMITES	*PHRAGMITES AUSTRALIS*	(CAV.) TRIN. EX STEUD.	1,2,3,4,5,6,7,8,9,0,C
PHYSOSTEGIA DENTICULATA	*PHYSOSTEGIA VIRGINIANA*	(L.) BENTH.	1,2,3,4,5,6,7,8
PHYSOSTEGIA SPECIOSA	*PHYSOSTEGIA VIRGINIANA*	(L.) BENTH.	1,2,3,4,5,6,7,8
PILEA OPACA	*PILEA FONTANA*	(LUNELL) RYDB.	1,2,3,4,5
PLAGIOBOTHRYS CUSICKII	*PLAGIOBOTHRYS SCOULERI*	(HOOK. & ARN.) I. JOHNST.	3,4,7,8,9,0,A
PLAGIOBOTHRYS SCOPULORUM	*PLAGIOBOTHRYS SCOULERI*	(HOOK. & ARN.) I. JOHNST.	3,4,7,8,9,0,A
PLANTAGO HALOPHILA	*PLANTAGO MAJOR*	L.	1,2,3,4,5,6,7,8,9,0,A,C,H
PLANTAGO PURSHII	*PLANTAGO PATAGONICA*	JACQ.	1,2,3,4,5,6,7,8,9,0
PLANTAGO SHASTENSIS	*PLANTAGO ERIOPODA*	TORR.	1,3,4,5,7,8,9,0,A
POA AGASSIZENSIS	*POA PRATENSIS*	L.	1,2,3,4,5,6,7,8,9,0,A,C,H
POA BREVIPANICULATA	*POA FENDLERANA*	(STEUD.) VASEY	4,5,6,7,8,9,0
POA CONFUSA	*POA AMPLA*	MERRILL	4,5,7,8,9,0,A
POA EATONI	*POA FENDLERANA*	(STEUD.) VASEY	4,5,6,7,8,9,0
POA INTERIOR	*POA NEMORALIS*	L.	1,3,4,5,6,7,8,9,0,A
POA LONGIPEDUNCULATA	*POA FENDLERANA*	(STEUD.) VASEY	4,5,6,7,8,9,0
POA LONGLILIGULA	*POA FENDLERANA*	(STEUD.) VASEY	4,5,6,7,8,9,0
POA NEVADENSIS VAR. JUNCIFOLIA	*POA JUNCIFOLIA*	SCRIBN.	4,5,7,8,9,0
POA PSEUDOPRATENSIS	*POA ARIDA*	VASEY	3,4,5,6,7,8,9
POA SCABRIUSCULA	*POA FENDLERANA*	(STEUD.) VASEY	4,5,6,7,8,9,0
POA TRIFLORA	*POA PALUSTRIS*	L.	1,2,3,4,5,7,8,9,0,A
POLANISIA GRAVEOLENS	*POLANISIA DODECANDRA*	(L.) DC.	1,2,3,4,5,6,7,8,9,0
POLANISIA TRACHYSPERMA	*POLANISIA DODECANDRA*	(L.) DC.	1,2,3,4,5,6,7,8,9,0
POLYGALA AMBIGUA	*POLYGALA VERTICILLATA*	L.	1,2,3,4,5,6,9
POLYGALA VIRIDESCENS	*POLYGALA SANGUINEA*	L.	1,2,3,4,5,6,7

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SYNONYMY	SCI-NAME	AUTHOR	REGION
POLYGONATUM CANALICULATUM	*POLYGONATUM COMMUTATUM*	(J.A. & J.H. SCHULTES) A. DIETR.	1,2,3,4,5,6,7
POLYGONATUM GIGANTEUM	*POLYGONATUM COMMUTATUM*	(J.A. & J.H. SCHULTES) A. DIETR.	1,2,3,4,5,6,7
POLYGONATUM MELLEUM	*POLYGONATUM BIFLORUM*	(WALTER) ELLIOTT	1,2,3,4,5,6,7
POLYGONUM ACRE	*POLYGONUM PUNCTATUM*	ELLIOTT	1,2,3,4,5,6,7,8,9,0,C,H
POLYGONUM BICORNE	*POLYGONUM PENSYLVANICUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM COCCICEUM	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM CRISTATUM	*POLYGONUM SCANDENS*	L.	1,2,3,4,5,6,8,9
POLYGONUM DUBIUM	*POLYGONUM PERSICARIA*	L.	1,2,3,4,5,6,7,8,9,0,A,H
POLYGONUM DUMETORUM	*POLYGONUM SCANDENS*	L.	1,2,3,4,5,6,8,9
POLYGONUM EMACTATUM	*POLYGONUM DOUGLASII*	GREENE	1,3,4,5,7,8,9,0
POLYGONUM EXSERTUM	*POLYGONUM RAMOSISSIMUM*	MICHX.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM FLUITANS	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM FUGAX	*POLYGONUM VIVIPARUM*	L.	1,3,4,7,8,9,A
POLYGONUM INCARNATUM	*POLYGONUM LAPATHIFOLIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM INTERIOR	*POLYGONUM RAMOSISSIMUM*	MICHX.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM LONGISTYLUM	*POLYGONUM PENSYLVANICUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM MEXICANUM	*POLYGONUM PENSYLVANICUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM MINUS	*POLYGONUM PERSICARIA*	L.	1,2,3,4,5,6,7,8,9,0,A,H
POLYGONUM MONSPELIENSIS	*POLYGONUM AVICULARE*	L.	1,2,3,4,5,6,7,8,9,0,A,H
POLYGONUM MUHLENBERGII	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM NATANS	*POLYGONUM AMPHIBIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM ONEILLII	*POLYGONUM HYDROPIPEROIDES*	MICHX.	1,2,3,4,5,6,7,8,9,0,A,C
POLYGONUM PROLIFICUM	*POLYGONUM RAMOSISSIMUM*	MICHX.	1,2,3,4,5,6,7,8,9,0,A
POLYGONUM SCABRUM	*POLYGONUM LAPATHIFOLIUM*	L.	1,2,3,4,5,6,7,8,9,0,A
POPULUS SALICIFOLIA	*POPULUS ANGUSTIFOLIA*	E. JAMES	4,5,6,7,8,9,0
POPULUS SARGENTII	*POPULUS DELTOIDES*	W. BARTRAM EX MARSHALL	1,2,3,4,5,6,7,8,9
POPULUS TREMULOIDES	*POPULUS TREMULA*	L.	1,2,3,4,5,6,7,8,9,0,A
POPULUS TRICOCARPA	*POPULUS BALSAMIFERA*	L.	1,2,3,4,5,8,9,0,A
POTAMOGETON AMERICANUS	*POTAMOGETON NODOSUS*	POIR.	1,2,3,4,5,6,7,8,9,0,C,H
POTAMOGETON ANGUSTIFOLIUS	*POTAMOGETON ILLINOENSIS*	MORONG	1,2,3,4,5,6,7,8,9,0
POTAMOGETON CAPILLACEUS	*POTAMOGETON DIVERSIFOLIUS*	RAF.	1,2,3,4,5,6,7,8,9,0
POTAMOGETON COMPRESSUS	*POTAMOGETON ZOSTERIFORMIS*	FERNALD	1,2,3,4,5,8,9,0,A
POTAMOGETON CURTISII	*POTAMOGETON FOLIOSUS*	RAF.	1,2,3,4,5,6,7,8,9,0,A,C,H
POTAMOGETON DIMORPHUS	*POTAMOGETON SPIRILLUS*	TUCKERMAN	1,3,4,5
POTAMOGETON FIBRILLOSUS	*POTAMOGETON FOLIOSUS*	RAF.	1,2,3,4,5,6,7,8,9,0,A,C,H
POTAMOGETON FLUITANS	*POTAMOGETON NODOSUS*	POIR.	1,2,3,4,5,6,7,8,9,0,C,H
POTAMOGETON GEMMIPARUS	*POTAMOGETON PUSILLUS*	L.	1,2,3,4,5,6,7,8,9,0,A
POTAMOGETON HETEROPHYLLUS	*POTAMOGETON ILLINOENSIS*	MORONG	1,2,3,4,5,6,7,8,9,0
POTAMOGETON INTERIOR	*POTAMOGETON FILIFORMIS*	PERS.	1,3,4,5,7,8,9,0,A
POTAMOGETON INTERRUPTUS	*POTAMOGETON VAGINATUS*	TURCZ.	1,3,4,8,9,A
POTAMOGETON LUCENS	*POTAMOGETON ILLINOENSIS*	MORONG	1,2,3,4,5,6,7,8,9,0
POTAMOGETON PANORMITANUS	*POTAMOGETON PUSILLUS*	L.	1,2,3,4,5,6,7,8,9,0,A
POTAMOGETON PAUCIFLORUS	*POTAMOGETON FOLIOSUS*	RAF.	1,2,3,4,5,6,7,8,9,0,A,C,H
POTAMOGETON RUTILUS	*POTAMOGETON STRICTIFOLIUS*	AR. BENN.	1,3,4,5,8,9
POTENTILLA ASHLANDILA	*POTENTILLA GLANDULOSA*	LINDL.	4,7,8,9,0
POTENTILLA CONVALLARIA	*POTENTILLA ARGUTA*	PURSH	1,2,3,4,5,6,7,8,9,A
POTENTILLA EGEDII	*POTENTILLA ANSERINA*	L.	1,3,4,5,7,8,9,0,A
POTENTILLA LEUCOCARPA	*POTENTILLA RIVALIS*	NUTT.	1,3,4,5,6,7,8,9,0
POTENTILLA LONGIPEDUNCULATA	*POTENTILLA GRACILIS*	DOUGL. EX HOOK.	3,4,7,8,9,0,A
POTENTILLA MILLEFOLIA	*POTENTILLA PLATTENSIS*	NUTT.	4,5,7,8,9
POTENTILLA MONSPELIENSIS	*POTENTILLA NORVEGICA*	L.	1,2,3,4,5,6,7,8,9,0,A
POTENTILLA MULTISECTA	*POTENTILLA DIVERSIFOLIA*	LEHM.	4,7,8,9,0,A

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
POTENTILLA PACIFICA	*POTENTILLA ANSERINA*	L.	1,3,4,5,7,8,9,0,A
POTENTILLA RIVALIS VAR. MILLEGRANA	*POTENTILLA MILLEGRANA*	ENGELM. EX LEHM.	1,3,4,5,6,7,9,0
POTENTILLA RIVULARIS VAR. PENTANDRA	*POTENTILLA PENTANDRA*	ENGELM.	2,3,4,5,6
PRUNUS ALABAMENSIS	*PRUNUS SEROTINA*	EHRH.	1,2,3,4,5,6,7,9
PRUNUS DEMISSA	*PRUNUS VIRGINIANA*	L.	1,2,3,4,5,6,7,8,9,0,A
PRUNUS LANATA	*PRUNUS AMERICANA*	MARSHALL	1,2,3,4,5,6,7,8,9
PRUNUS VIRENS	*PRUNUS SEROTINA*	EHRH.	1,2,3,4,5,6,7,9
PSEDERA HIRSUTA	*PARTHENOCISSUS QUINQUEFOLIA*	(L.) PLANCH.	1,2,3,4,5,6,7,9
PSEDERA QUINQUEFOLIA	*PARTHENOCISSUS QUINQUEFOLIA*	(L.) PLANCH.	1,2,3,4,5,6,7,9
PSEDERA VITACEA	*PARTHENOCISSUS VITACEA*	(KNERR) A. HITCHC.	1,2,3,4,5,6,7,8,0
PTERIDIUM ARACHNOIDEUM	*PTERIDIUM AQUILINUM*	(L.) KUHN	1,2,3,4,5,6,7,8,9,0,A,C,H
PUCCINELLIA ATROIDES	*PUCCINELLIA NUTTALLIANA*	(J.A. SCHULTES) A. HITCHC.	1,3,4,5,7,8,9,0,A
PUCCINELLIA COARCTATA	*PUCCINELLIA DISTANS*	(L.) PARLAT.	1,3,4,5,7,8,9,0,A
PYCREUS RIVULARIS	*CYPERUS RIVULARIS*	KUNTH	1,2,3,4,5,6,8,9,0,H
PYROLA AMERICANA	*PYROLA ROTUNDIFOLIA*	L.	1,2,3,4,8,A
PYROLA BRACTEATA	*PYROLA ASARIFOLIA*	MICHX.	1,3,4,7,8,9,0,A
PYROLA VIRENS	*PYROLA CHLORANTHA*	SWARTZ	1,2,3,4,5,7,8,9,A
PYRROCOMA LANCEOLATUS	*HAPLOPAPPUS LANCEOLATUS*	(HOOK.) TORR. & GRAY	4,8,9,0
RADICULA TRACHYCARPA	*RORIPPA SINUATA*	(NUTT.) A. HITCHC.	1,2,3,4,5,6,7,8,9,0
RAMISCHIA SECUNDA	*PYROLA SECUNDA*	L.	1,3,4,5,7,8,9,0,A
RANUNCULUS AQUATILIS VAR. CAPILLACEUS	*RANUNCULUS TRICHOPHYLLUS*	D. CHAIX	1,2,3,4,5,7,8,9,0,A
RANUNCULUS BOREANUS	*RANUNCULUS ACRIS*	L.	1,2,3,4,5,7,8,9,0,A
RANUNCULUS CIRCINATUS	*RANUNCULUS LONGIROSTRIS*	GODR.	1,2,3,4,5,6,7,8,9
RANUNCULUS CIRCINATUS VAR. SUBRIGIDUS	*RANUNCULUS SUBRIGIDUS*	W.B. DREW	1,3,4,5,6,7,8,9,0,A
RANUNCULUS CONFERVOIDES	*RANUNCULUS AQUATILIS*	L.	1,2,3,4,5,7,8,9,0,A
RANUNCULUS DELPHINIFOLIUS	*RANUNCULUS FLABELLARIS*	RAF.	1,2,3,4,5,6,8,9,0
RANUNCULUS LIMOSUS	*RANUNCULUS GMELINII*	DC.	1,3,4,5,7,8,9,A
RANUNCULUS PALMATUS	*RANUNCULUS HISPIDUS*	MICHX.	1,2,3,4,5,6
RANUNCULUS PURSHII	*RANUNCULUS GMELINII*	DC.	1,3,4,5,7,8,9,A
RHAMNUS ALNIFOLIUS	*RHAMNUS ALNIFOLIA*	L'HER.	1,2,3,4,8,9,0
RHAMNUS CATHARTICUS	*RHAMNUS CATHARTICA*	L.	1,2,3,4,5,8
RHUS TOXICODENDRON	*TOXICODENDRON RADICANS*	(L.) KUNTZE	1,2,3,4,5,6,7,8,9
RORIPPA ISLANDICA	*RORIPPA PALUSTRIS*	(L.) BESSER	1,2,3,4,5,6,7,8,9,0,A,C
RORIPPA NASTURTIUM-AQUATICUM	*NASTURTIUM OFFICINALE*	R. BR. IN W.T. AIT.	1,2,3,4,5,6,7,8,9,0,A,C,H
RORIPPA TRACHYCARPA	*RORIPPA SINUATA*	(NUTT.) A. HITCHC.	1,2,3,4,5,6,7,8,9,0
ROSA ARIZONICA	*ROSA WOODSII*	LINDL.	3,4,5,6,7,8,9,0,A
ROSA FENDLERI	*ROSA WOODSII*	LINDL.	3,4,5,6,7,8,9,0,A
ROSA SUBBLANDA	*ROSA BLANDA*	AIT.	1,2,3,4,5
ROSA WILLIAMSII	*ROSA BLANDA*	AIT.	1,2,3,4,5
RUBACER PARVIFLORUM	*RUBUS PARVIFLORUS*	NUTT.	3,4,7,8,9,0,A
RUBUS MELANOLASIUS	*RUBUS STRIGOSUS*	MICHX.	1,2,3,4,5,6,7,8,9,A
RUBUS TRIFLORUS	*RUBUS PUBESCENS*	RAF.	1,3,4,5,8,9
RUDBECKIA AMPLA	*RUDBECKIA LACINIATA*	L.	1,2,3,4,5,6,7,8,9,H
RUDBECKIA AMPLECTANS	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0
RUDBECKIA AMPLEXICAULIS	*DRACOPIS AMPLEXICAULIS*	(VAHL) CASS.	2,3,4,5,6,7
RUDBECKIA BICOLOR	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0
RUDBECKIA BRITTONII	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0
RUDBECKIA DIVERGENS	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0
RUDBECKIA FLORIDANA	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0
RUDBECKIA HETEROPHYLLA	*RUDBECKIA LACINIATA*	L.	1,2,3,4,5,6,7,8,9,H
RUDBECKIA LONGIPES	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0
RUDBECKIA SEROTINA	*RUDBECKIA HIRTA*	L.	1,2,3,4,5,6,7,8,9,0

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
RUMEX ANGIOCARPUS	*RUMEX ACETOSELLA*	L.	1,2,3,4,5,6,7,8,9,0,A,H
RUMEX ELLIPTICUS	*RUMEX ALTISSIMUS*	A. WOOD	1,2,3,4,5,6,7,8
RUMEX FENESTRATUS	*RUMEX OCCIDENTALIS*	S. WATS.	1,3,4,5,7,8,9,0,A
RUMEX LONGIFOLIUS	*RUMEX DOMESTICUS*	HARTM.	1,3,4,A
RUMEX MARITIMUS VAR. FUEGINUS	*RUMEX FUEGINUS*	PHILIPPI	1,3,4,5,7,8,9,0,A
RUMEX ORBICULATUS VAR. BOREALIS	*RUMEX BRITANNICA*	L.	1,2,3,4,5,7,8,0
RUMEX PERSICARIOIDES	*RUMEX MARITIMUS*	L.	1,2,3,4,5,6,7,8,9,0,A
RUMEX UTAHENSIS	*RUMEX MEXICANUS*	MEISN.	1,2,3,4,5,6,7,8,9,0,A
RUPIA OCCIDENTALIS	*RUPPIA MARITIMA*	L.	1,2,3,4,5,6,7,8,9,0,A,C,H
SAGINA LINNAEI	*SAGINA SAGINOIDES*	(L.) KARST.	4,7,8,9,0,A
SAGITTARIA ANGUSTIFOLIA	*SAGITTARIA LATIFOLIA*	WILLD.	1,2,3,4,5,6,7,8,9,0,H
SAGITTARIA ARIFOLIA	*SAGITTARIA CUNEATA*	SHELDON	1,3,4,5,6,7,8,9,0,A
SAGITTARIA AUSTRALIS	*SAGITTARIA ENGELMANNIANA*	J.G. SMITH	1,2,3,4,5
SAGITTARIA CHAPMANII	*SAGITTARIA GRAMINEA*	MICHX.	1,2,3,4,5,6,7
SAGITTARIA EATONII	*SAGITTARIA GRAMINEA*	MICHX.	1,2,3,4,5,6,7
SAGITTARIA ESCULENTA	*SAGITTARIA LATIFOLIA*	WILLD.	1,2,3,4,5,6,7,8,9,0,H
SAGITTARIA LONGIROSTRA	*SAGITTARIA ENGELMANNIANA*	J.G. SMITH	1,2,3,4,5
SAGITTARIA ORNITHORHYNCHA	*SAGITTARIA LATIFOLIA*	WILLD.	1,2,3,4,5,6,7,8,9,0,H
SAGITTARIA PLANIPES	*SAGITTARIA LATIFOLIA*	WILLD.	1,2,3,4,5,6,7,8,9,0,H
SALIX CANDIDULA	*SALIX CANDIDA*	FLUEGGE EX WILLD.	1,2,3,4,8,9,A
SALIX CAUDATA	*SALIX LASIANDRA*	BENTH.	4,7,8,9,0,A
SALIX DISSYMETRICA	*SALIX MONTICOLA*	BEBB	4,7,8,9,A
SALIX HEBECARPA	*SALIX PEDICELLARIS*	PURSH	1,3,4,9,A
SALIX LONGIFOLIA	*SALIX EXIGUA*	NUTT.	1,2,3,4,5,6,7,8,9,0,A
SALIX LUCIDA SSP. LASIANDRA	*SALIX LASIANDRA*	BENTH.	4,7,8,9,0,A
SALIX MACKENZIEANA	*SALIX RIGIDA*	MUHL.	1,2,3,4,5,7,8,9,0,A
SALIX MONICA	*SALIX PLANIFOLIA*	PURSH	1,3,4,7,8,9,0,A
SALIX PARKSIANA	*SALIX EXIGUA*	NUTT.	1,2,3,4,5,6,7,8,9,0,A
SALIX PEDUNCULATA	*SALIX DISCOLOR*	MUHL.	1,2,3,4,9
SALIX PHYLICIFOLIA	*SALIX PLANIFOLIA*	PURSH	1,3,4,7,8,9,0,A
SALIX PRINOIDES	*SALIX DISCOLOR*	MUHL.	1,2,3,4,9
SALIX SYRTICOLA	*SALIX CORDATA*	MICHX.	1,2,3,4,5
SALIX VITTELLIANA	*SALIX ALBA*	L.	1,2,3,4,5,9
SALSOLA AUSTRALIS	*SALSOLA PESTIFER*	A. NELS.	1,2,3,4,5,6,7,8,9,0,H
SALSOLA AUSTRALIS	*SALSOLA KALI*	L.	1,2,3,4,5,6,7,8,9,0
SAMBUCUS MICROBOTRYS	*SAMBUCUS RACEMOSA*	L.	1,2,3,4,7,8,9,0,A
SAMBUCUS PUBENS	*SAMBUCUS RACEMOSA*	L.	1,2,3,4,7,8,9,0,A
SAMBUCUS SIMPSONII	*SAMBUCUS CANADENSIS*	L.	1,2,3,4,5,6,8,9
SAVASTANA NASHII	*HIEROCHLOE ODORATA*	(L.) BEAUV.	1,3,4,7,8,9,A
SAVASTANA ODORATA	*HIEROCHLOE ODORATA*	(L.) BEAUV.	1,3,4,7,8,9,A
SAXIFRAGA GORMANII	*SAXIFRAGA OCCIDENTALIS*	S. WATS.	4,9
SCHIZACHYRIUM LITTORALE	*SCHIZACHYRIUM SCOPARIUM*	(MICHX.) NASH	1,2,3,4,5,6,7,8,9
SCHOENOPLECTUS LACUSTRIS SSP. VALIDUS	*SCIRPUS VALIDUS*	VAHL	1,2,3,4,5,6,7,8,9,0,A,C,H
SCIRPUS FONTINALIS	*SCIRPUS PENDULUS*	MUHL.	1,2,3,4,5,6
SCIRPUS LACUSTRIS SSP. VALIDUS	*SCIRPUS VALIDUS*	VAHL	1,2,3,4,5,6,7,8,9,0,A,C,H
SCIRPUS LINEATUS	*SCIRPUS PENDULUS*	MUHL.	1,2,3,4,5,6
SCIRPUS MICRANTHUS	*HEMICARPHA MICRANTHA*	(VAHL) PAX	1,2,3,4,5,6,7,8,9,0,C
SCIRPUS NANUS	*ELEOCHARIS PARVULA*	(ROEM. & J.A. SCHULTES) LINK EX BLUFF & FINGERH.	1,2,3,4,5,6,7,8,9,0
SCIRPUS OCCIDENTALIS	*SCIRPUS ACUTUS*	MUHL. EX BIGEL.	1,2,3,4,5,6,7,8,9,0,A
SCIRPUS OLNEYI	*SCIRPUS AMERICANUS*	PERS.	1,2,3,4,5,6,7,8,9,0,A,C,H
SCIRPUS PACIFICUS	*SCIRPUS MARITIMUS*	L.	1,2,3,4,5,6,7,8,9,0,A,H
SCIRPUS PALUDOSUS	*SCIRPUS MARITIMUS*	L.	1,2,3,4,5,6,7,8,9,0,A,H

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
SCIRPUS RUBRICOSUS	*SCIRPUS CYPERINUS*	(L.) KUNTH	1,2,3,4,6,9
SCIRPUS RUBROTINCTUS	*SCIRPUS MICROCARPUS*	J. & K. PRESL	1,2,3,4,5,7,8,9,0,A
SCIRPUS STEIMETZII	*SCIRPUS VALIDUS*	VAHL	1,2,3,4,5,6,7,8,9,0,A,C,H
SCIRPUS TABERNAEMONTANII	*SCIRPUS VALIDUS*	VAHL	1,2,3,4,5,6,7,8,9,0,A,C,H
SCIRPUS TENUICULMIS	*SCIRPUS HETEROCHAETUS*	CHASE	1,3,4,5,6,9
SCUTELLARIA AUSTRALIS	*SCUTELLARIA PARVULA*	MICHX.	1,2,3,4,5,6
SCUTELLARIA EPILOBIIFOLIA	*SCUTELLARIA GALERICULATA*	L.	1,2,3,4,5,6,7,8,9,0,A
SENECIO CRAWFORDII	*SENECIO PAUPERCULUS*	MICHX.	1,2,3,4,5,8,9,A
SENECIO GASPENSIS	*SENECIO PAUPERCULUS*	MICHX.	1,2,3,4,5,8,9,A
SERAPIAS GIGANTEA	*EPIPACTIS GIGANTEA*	DOUGL. EX HOOK.	4,6,7,8,9,0
SETARIA CARNEI	*SETARIA VERTICILLATA*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,H
SETARIA GRACILIS	*SETARIA GLAUCA*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,C,H
SETARIA LUTESCENS	*SETARIA GLAUCA*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,C,H
SETARIA PUMILA	*SETARIA GLAUCA*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,C,H
SETARIA PURPURASCENS	*SETARIA GLAUCA*	(L.) BEAUV.	1,2,3,4,5,6,7,8,9,0,C,H
SILENE ALBA	*SILENE NIVEA*	(NUTT.) OTTH	1,2,3,4,5
SILPHIUM CONNATUM	*SILPHIUM PERFOLIATUM*	L.	1,2,3,4,5,6
SISYMBRIUM CHEIRANTHOIDES	*ERYSIMUM CHEIRANTHOIDES*	L.	1,2,3,4,5,8,9,0,A
SISYRINCHIUM BERMUDIANA	*SISYRINCHIUM ANGUSTIFOLIUM*	MILL.	1,2,3,4,5,6,8,9
SISYRINCHIUM INTERMEDIUM	*SISYRINCHIUM ANGUSTIFOLIUM*	MILL.	1,2,3,4,5,6,8,9
SISYRINCHIUM STRICTUM	*SISYRINCHIUM MONTANUM*	GREENE	1,2,3,4,5,6,7,8,9,A
SITANION CILIATUM	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION CINEREUM	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION ELYMOIDES	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION GLABRUM	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION INSULARE	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION LONGIFOLIUM	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION MOLLE	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION RIGIDUM	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SITANION STRIGOSUM	*SITANION HYSTRIX*	(NUTT.) J.G. SMITH	3,4,5,6,7,8,9,0
SMILACINA AMPLEXICAULIS	*SMILACINA RACEMOSA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
SMILACINA SESSILIFOLIA	*SMILACINA STELLATA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
SOLANUM NODIFLORUM	*SOLANUM AMERICANUM*	MILL.	1,2,3,4,5,6,7,9,0,C
SOLIDAGO GRAMINIFOLIA	*EUTHAMIA GRAMINIFOLIA*	(L.) NUTT.	1,2,3,4,5,6,9
SOLIDAGO LATIFOLIA	*SOLIDAGO FLEXICAULIS*	L.	1,2,3,4,5,6
SOLIDAGO OCCIDENTALIS	*EUTHAMIA OCCIDENTALIS*	NUTT.	3,4,5,7,8,9,0
SOLOMONIA COMMUTATA	*POLYGONATUM COMMUTATUM*	(J.A. & J.H. SCHULTES) A. DIETR.	1,2,3,4,5,6,7
SONCHUS ULIGINOSUS	*SONCHUS ARVENSIS*	L.	1,2,3,4,5,6,7,8,9,0,A
SORGHASTRUM AVENACEUM	*SORGHASTRUM NUTANS*	(L.) NASH	1,2,3,4,5,6,7,8
SORGHUM CERNUUM	*SORGHUM BICOLOR*	(L.) MOENCH	1,2,3,4,6,7,8,0,C,H
SORGHUM SACCHARATUM	*SORGHUM BICOLOR*	(L.) MOENCH	1,2,3,4,6,7,8,0,C,H
SORGHUM SUDANENSE	*SORGHUM BICOLOR*	(L.) MOENCH	1,2,3,4,6,7,8,0,C,H
SORGHUM VULGARE	*SORGHUM BICOLOR*	(L.) MOENCH	1,2,3,4,6,7,8,0,C,H
SPARANTHES STRICTUM	*SPIRANTHES ROMANZOFFIANA*	CHAM.	1,3,4,5,7,8,9,0,A
SPARGANIUM ANGUSTIFOLIUM	*SPARGANIUM CHLOROCARPUM*	RYDB.	1,2,3,4,5,9
SPARGANIUM ANGUSTIFOLIUM	*SPARGANIUM EMERSUM*	REHM.	1,3,4,7,8,9,0,A
SPARGANIUM CALIFORNICUM	*SPARGANIUM EURYCARPUM*	ENGELM. EX GRAY	1,3,4,5,6,7,8,9,0
SPARGANIUM GREENEI	*SPARGANIUM EURYCARPUM*	ENGELM. EX GRAY	1,3,4,5,6,7,8,9,0
SPARGANIUM MULTIPEDUNCULATUM	*SPARGANIUM EMERSUM*	REHM.	1,3,4,7,8,9,0,A
SPARGANIUM SIMPLEX	*SPARGANIUM EMERSUM*	REHM.	1,3,4,7,8,9,0,A
SPARTINA MICHAUXTANA	*SPARTINA PECTINATA*	LINK	1,2,3,4,5,6,7,8,9
SPECULARIA PERFOLIATA	*TRIODANIS PERFOLIATA*	(L.) NIEUWL.	1,2,3,4,5,6,7,8,9,0

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
SPERGULARIA SALINA	*SPERGULARIA MARINA*	(L.) GRISEB.	1,2,3,4,5,6,7,8,9,0,H
SPHENOPHOLIS INTERMEDIA	*SPHENOPHOLIS OBTUSATA*	(MICHX.) SCRIBN.	1,2,3,4,5,6,7,8,9,0,A
SPHENOPHOLIS LONGIFLORA	*SPHENOPHOLIS OBTUSATA*	(MICHX.) SCRIBN.	1,2,3,4,5,6,7,8,9,0,A
SPHENOPHOLIS ROBUSTA	*SPHENOPHOLIS OBTUSATA*	(MICHX.) SCRIBN.	1,2,3,4,5,6,7,8,9,0,A
SPIRANTHES PORRIFOLIA	*SPIRANTHES ROMANZOFFIANA*	CHAM.	1,3,4,5,7,8,9,0,A
SPOROBOLUS ASPERIFOLIUS	*MUHLENBERGIA ASPERIFOLIA*	(NEES & MEYEN EX TRIN.) PARODI	1,3,4,5,6,7,8,9,0
SPOROBOLUS DRUMMONDII	*SPOROBOLUS ASPER*	(MICHX.) KUNTH	1,2,3,4,5,6,7,8,9
SPOROBOLUS MACER	*SPOROBOLUS ASPER*	(MICHX.) KUNTH	1,2,3,4,5,6,7,8,9
SPOROBOLUS MACRUS	*SPOROBOLUS ASPER*	(MICHX.) KUNTH	1,2,3,4,5,6,7,8,9
STACHYS ARENICOLA	*STACHYS PALUSTRIS*	L.	1,3,4,5,6,7,8,9,0,A
STACHYS HYSSOPIFOLIA VAR. AMBIGUA	*STACHYS ASPERA*	MICHX.	1,2,3,4,5
STACHYS NUTTALLII	*STACHYS PALUSTRIS*	L.	1,3,4,5,6,7,8,9,0,A
STEIRONEMA VALIDULUM	*LYSIMACHIA CILIATA*	L.	1,2,3,4,5,6,7,8,9
STELLARIA ARENICOLA	*STELLARIA LONGIPES*	GOLDIE	1,3,4,7,8,9,0,A
STELLARIA BOREALIS	*STELLARIA CALYCANTHA*	(LEDEB.) BONG.	1,3,4,8,9,0,A
STELLARIA CRASSIPES	*STELLARIA LONGIPES*	GOLDIE	1,3,4,7,8,9,0,A
STELLARIA SUBVESTITA	*STELLARIA LONGIPES*	GOLDIE	1,3,4,7,8,9,0,A
STIPORYZOPSIS BLOOMERI	*ORYZOPSIS HYMENOIDES*	(ROEM. & J.A. SCHULTES) RICKER EX PIPER	3,4,5,6,7,8,9,0
STREPTOPUS X OREOPOLUS	*STREPTOPUS AMPLEXIFOLIUS*	(L.) DC.	1,2,3,4,6,7,8,9,0,A
STROPHOSTYLES MISSOURIENSIS	*STROPHOSTYLES HELVOLA*	(L.) ELLIOTT	1,2,3,4,5,6
SUAEDA CALCEOLIFORMIS	*SUAEDA DEPRESSA*	(PURSH) S. WATS.	1,3,4,5,6,7,8,9,0,A
SUAEDA FRUTICOSA	*SUAEDA INTERMEDIA*	S. WATS.	4,5,6,7,8,9,0,C
SUAEDA MINUTIFLORA	*SUAEDA DEPRESSA*	(PURSH) S. WATS.	1,3,4,5,6,7,8,9,0,A
SUAEDA MOQUINII	*SUAEDA INTERMEDIA*	S. WATS.	4,5,6,7,8,9,0,C
SWAINSONA SALSULA	*SPHAEROPHYSA SALSULA*	(PALLAS) DC.	4,6,7,8,9,0
SYMPHORICARPOS RIVULARIS	*SYMPHORICARPOS ALBUS*	(L.) BLAKE	1,3,4,5,7,8,9,0,A
SYMPHORICARPOS SYMPHORICARPOS	*SYMPHORICARPOS ORBICULATUS*	MOENCH	1,2,3,4,5,6,7,8,9
SYMPHORICARPOS UTAHENSIS	*SYMPHORICARPOS OREOPHILUS*	GRAY	4,6,7,8,9,0
SYMPHORICARPOS VULGARIS	*SYMPHORICARPOS ORBICULATUS*	MOENCH	1,2,3,4,5,6,7,8,9
SYNTHERISMA ISCHAEMUM	*DIGITARIA ISCHAEMUM*	(SCHREB.) SCHREB. EX MUHL.	1,2,3,4,5,6,7,8,9,0,C
SYSYRINCHIUM HETEROCARPUM	*SISYRINCHIUM MONTANUM*	GREENE	1,2,3,4,5,6,7,8,9,A
TAMARIX PENTANDRA	*TAMARIX CHINENSIS*	LOUREIRO	2,4,5,6,7,8,9,0
TECOMA RADICANS	*CAMPSIS RADICANS*	(L.) SEEM.	1,2,3,4,5,6,8
TETRAGONANTHUS DEFLEXUS	*HALENIA DEFLEXA*	(J.F. SMITH) GRISEB.	1,3,4,9
TEUCRIUM OCCIDENTALE	*TEUCRIUM CANADENSE*	L.	1,2,3,4,5,6,7,8,9
THELYPTERIS PALUSTRIS	*THELYPTERIS THELYPTEROIDES*	(MICHX.) J. HOLUB	1,2,3,4,5,6
THERMOPSIS MONTANA	*THERMOPSIS RHOMBIFOLIA*	(NUTT. EX PURSH) NUTT. EX RICHARDS.	4,5,7,8,9
TISSA MARINA	*SPERGULARIA MARINA*	(L.) GRISEB.	1,2,3,4,5,6,7,8,9,0,H
TORRESIA ODORATA	*HIEROCHLOE ODORATA*	(L.) BEAUV.	1,3,4,7,8,9,A
TORREYOCHLOA PAUCIFLORA	*PUCCINELLIA PAUCIFLORA*	(J. PRESL) MUNZ	4,7,8,9,0,A
TORRULINIUM ODORATUM	*CYPERUS ODORATUS*	L.	1,2,3,4,5,6,7,0,C,H
TORTIPES AMLEXIFOLIUS	*STREPTOPUS AMPLEXIFOLIUS*	(L.) DC.	1,2,3,4,6,7,8,9,0,A
TOXICODENDRON DESERTORUM LUNELL	*TOXICODENDRON RYDBERGII*	(SMALL EX RYDB.) GREENE	1,2,3,4,5,6,7,8,9
TOXYLON POMIFERUM	*MACLURA POMIFERA*	(RAF.) C.K. SCHNEID.	1,2,3,4,5,6,7,8,9
TRADESCANTIA LARAMIENSIS	*TRADESCANTIA OCCIDENTALIS*	(BRITTON) B.B. SMYTH	1,2,3,4,5,6,7,8,9
TRADESCANTIA SCOPULORUM	*TRADESCANTIA OCCIDENTALIS*	(BRITTON) B.B. SMYTH	1,2,3,4,5,6,7,8,9
TRADESCANTIA UNIVERSITATIS	*TRADESCANTIA OCCIDENTALIS*	(BRITTON) B.B. SMYTH	1,2,3,4,5,6,7,8,9
TRIFOLIUM SAXICOLA	*TRIFOLIUM REPENS*	L.	1,2,3,4,5,6,7,8,9,0,A
TRILLIUM DECLINATUM	*TRILLIUM FLEXIPES*	RAF.	1,2,3,4,5
TRILLIUM ERECTUM VAR. BLANDUM	*TRILLIUM FLEXIPES*	RAF.	1,2,3,4,5
TRILLIUM GLEASONI	*TRILLIUM FLEXIPES*	RAF.	1,2,3,4,5
TRISETUM MAJUS	*TRISETUM SPICATUM*	(L.) RICHTER	1,2,3,4,7,8,9,0,A

NATIONAL LIST OF PLANT SPECIES THAT OCCUR IN WETLANDS: 1988--NORTH PLAINS (REGION 4),SYNONYMY

SYNONYMY	SCI-NAME	AUTHOR	REGION
TRISETUM MONTANUM	*TRISETUM SPICATUM*	(L.) RICHTER	1,2,3,4,7,8,9,0,A
TRISETUM SUBSPICATUM	*TRISETUM SPICATUM*	(L.) RICHTER	1,2,3,4,7,8,9,0,A
TRISETUM TRIFLORUM	*TRISETUM SPICATUM*	(L.) RICHTER	1,2,3,4,7,8,9,0,A
ULMUS FLORIDANA	*ULMUS AMERICANA*	L.	1,2,3,4,5,6,8
ULMUS FULVA	*ULMUS RUBRA*	MUHL.	1,2,3,4,5,6
UNIFOLIUM CANADENSE	*MAIANTHEMUM CANADENSE*	DESF.	1,2,3,4
URTICA CALIFORNICA	*URTICA DIOICA*	L.	1,2,3,4,5,6,7,8,9,0,A
URTICA GRACILIS	*URTICA DIOICA*	L.	1,2,3,4,5,6,7,8,9,0,A
URTICA HOLOSERICEA	*URTICA DIOICA*	L.	1,2,3,4,5,6,7,8,9,0,A
URTICA LYALLII	*URTICA DIOICA*	L.	1,2,3,4,5,6,7,8,9,0,A
URTICA PROCERA	*URTICA DIOICA*	L.	1,2,3,4,5,6,7,8,9,0,A
URTICA SERRA	*URTICA DIOICA*	L.	1,2,3,4,5,6,7,8,9,0,A
URTICASTRUM DIVARICATUM	*LAPORTEA CANADENSIS*	(L.) WEDD.	1,2,3,4,5,6
UTRICULARIA OCCIDENTALIS	*UTRICULARIA MINOR*	L.	1,3,4,5,8,9,0,A
UTRICULARIA VULGARIS	*UTRICULARIA MACRORHIZA*	LECONTE	1,2,3,4,5,6,7,8,9,0,A
UVA-URSI UVA-URSI	*ARCTOSTAPHYLOS UVA-URSI*	(L.) SPRENG.	1,3,4,5,7,8,9,0,A
VAGNERA AMPLEXICAULIS	*SMILACINA RACEMOSA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
VAGNERA AUSTRALIS	*SMILACINA RACEMOSA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
VAGNERA RACEMOSA	*SMILACINA RACEMOSA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
VAGNERA STELLATA	*SMILACINA STELLATA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
VALERIANA CILIATA	*VALERIANA EDULIS*	NUTT. EX TORR. & GRAY	1,3,4,7,8,9
VALERIANA PUBICARPA	*VALERIANA ACUTILOBA*	RYDB.	4,5,7,8,9
VALERIANA SEPTENTRIONALIS	*VALERIANA DIOICA*	L.	4,9
VALIDALLIUM TRICOCCUM	*ALLIUM TRICOCCUM*	AIT.	1,2,3,4
VALLISNERIA NEOTROPICALIS	*VALLISNERIA AMERICANA*	MICHX.	1,2,3,4,5,7,8,9
VERBENA IMBRICATA	*VERBENA BRACTEATA*	LAG. & RODRIG.	1,2,3,4,5,6,7,8,9,0
VERBESINA ALBA	*ECLIPTA ALBA*	(L.) HASSK.	1,2,3,4,5,6,7,0,C,H
VERNONIA CORYMBOSA	*VERNONIA FASCICULATA*	MICHX.	1,2,3,4,5,6,9
VERNONIA INTERIOR	*VERNONIA BALDWINII*	TORR.	2,3,4,5,6
VERONICA GLANDIFERA	*VERONICA ANAGALLIS-AQUATICA*	L.	1,2,3,4,5,6,7,8,9,0,A
VERONICA HUMIFUSA	*VERONICA SERPYLLIFOLIA*	L.	1,2,3,4,5,7,8,9,0,A,H
VERONICA TENELLA	*VERONICA SERPYLLIFOLIA*	L.	1,2,3,4,5,7,8,9,0,A,H
VICIA ANGUSTIFOLIA	*VICIA SATIVA*	L.	1,2,3,4,5,6,7,8,9,0,A,H
VIGNERA RACEMOSA	*SMILACINA RACEMOSA*	(L.) DESF.	1,2,3,4,5,6,7,8,9,0,A
VIOLA ERIOCARPA	*VIOLA PUBESCENS*	AIT.	1,2,3,4,5,6
VIOLA PAPILIONACEA X PEDATIFIDA	*VIOLA X BERNARDII*	GREENE	3,4
VIOLA PEDATIFIDA X SORORIA	*VIOLA X BERNARDII*	GREENE	3,4
VIOLA PUBESCENS VAR. ERIOCARPA	*VIOLA PENSYLVANICA*	MICHX.	1,2,3,4,5,6
WASHINGTONIA CLAYTONI	*OSMORHIZA CLAYTONII*	(MICHX.) C.B. CLARKE	1,2,3,4,5
WASHINGTONIA LONGISTYLIS	*OSMORHIZA LONGISTYLIS*	(TORR.) DC.	1,2,3,4,5,6,7,8,9
WOLFFIA ARRHIZA	*WOLFFIA COLUMBIANA*	KARST.	1,2,3,4,5,6,9,0,H
XANTHIUM SACCHARATUM	*XANTHIUM STRUMARIUM*	L.	1,2,3,4,5,6,7,8,9,0,C,H
XANTHOXALIS CORNICULATA	*OXALIS CORNICULATA*	L.	1,2,3,4,5,6,7,8,9,0,C,H
XIMENESIA ENCELIOIDES	*VERBESINA ENCELIOIDES*	(CAV.) BENTH. & HOOK. EX GRAY	1,2,3,4,5,6,7,8,0,C,H
ZIGADENUS ALPINA	*ZIGADENUS ELEGANS*	PURSH	1,2,3,4,5,6,7,8,9,A
ZIGADENUS GRAMINEUS	*ZIGADENUS VENENOSUS*	S. WATS.	4,5,7,8,9,0
ZIGADENUS INTERMEDIUS	*ZIGADENUS VENENOSUS*	S. WATS.	4,5,7,8,9,0
ZIZANIA PALUSTRIS	*ZIZANIA AQUATICA*	L.	1,2,3,4,5,7,9,0

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APPENDIX A. REVIEW PROCEDURE

The procedure for adding, deleting, or changing the Indicator status of plant species on the National List is given below.

We welcome improvement of the National List and encourage the submission of Indicator changes to misclassified, unclassified, or unlisted species. We also encourage any additional suggestions for changes to any of the data contained in the National List, especially improved information on distribution and additional synonyms, or for improvement of the format of data presentation.

If certain species should be removed, added, or remain on the National List with a revised Indicator status, gather the information to support your recommendation and submit it on the enclosed review sheet to:

Porter B. Reed, Jr.
National Ecology Research Center
U.S. Fish & Wildlife Service
Monroe Building - Suite 101
9720 Executive Center Drive
St. Petersburg, FL 33702-2440

Proposed changes and supporting information will be presented to the appropriate Regional Review Panel for consideration. The National Review Panel will review all regional Indicator assignments for consistency and accuracy and serve as the final arbitrator for the Regional Review Panels.

The National List will be updated as changes to the current list are made, and revised editions will be printed as needed. Improvement of the National List is dependent on a strong review by knowledgable botanists and ecologists from across the country. We sincerely appreciate your help in completing this task.

APPENDIX B. INSTRUCTIONS FOR COMPLETING THE REVIEW SHEET FOR PLANT SPECIES THAT OCCUR IN WETLANDS

Reviewer: Reviewer's name

Address: Mailing address and phone number of reviewer

Species Symbol: The symbol given in the National List of Scientific Plant Names (1982)

Scientific Name: Genus, species, and any additional infraspecific designations as well as the author's name.

Geographic area covered by reviewer: The area of your fieldwork and experience from which your review is derived. Be as specific as possible with the regional wetland plant list area.

Action: Check appropriate line.

Indicator: Complete appropriate lines. Deleted species will not have a recommended Indicator. Added species will not have a current Indicator.

Review Comments:

This is the primary section for explaining the rationale for any regional or subregional changes, deletions, or additions to the list. Information on the specific habitats, microsites, or soils that the species occurs in should be provided. Use the back of the page if additional space is needed.
Site-specific information supporting review comments:

This section is for the description of the specific community (or communities) in which the species is found and which support your review comments. Use additional sheets for more community descriptions - staple all sheets for each species together. The soils and hydrology sections are optional, but it will be very useful if you can enter this information. Provide as much information as possible on the composition of the plant communities, soils, and hydrology that contain the species of concern. Include, where possible, community composition, soils, and hydrology data on other sites, drier or wetter, that the species also occurs in, which help support your suggested Indicator status. Include site-specific information, with the locations well specified, to identify the field sites where information has been gathered. Present quantitative data to support your change in a form that can be readily reviewed. If possible, enter the soil series and water regime as described in Cowardin et al. (1979).

APPENDIX C. REVIEW SHEET FOR PLANT SPECIES THAT OCCUR IN WETLANDS

Reviewer _____

Address _____

Species symbol _____

Scientific name _____

Geographic area covered by reviewer _____

Action	Indicator
___	Addition
___	Change of Indicator Current _____
___	Deletion Recommended _____

REVIEW COMMENTS.

Including physiographic setting and additional data sources - cite specific reference(s), other than standard botanical texts, if used.

Site-specific information supporting review comments.

Community composition and dominants:

Overstory

Shrub

Herbaceous

Soil

Hydrology

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May 1988

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7. Author(s)
Porter B. Reed, Jr.

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(G)

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Department of the Interior
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Research and Development
Washington, D.C. 20240

13. Type of Report & Period Covered

14.

15. Supplementary Notes

16. Abstract (Limit: 200 words)

The National List of Plant Species That Occur in Wetlands represents the combined efforts of many biologists over the last decade to define the wetland flora of the United States. The U.S. Fish and Wildlife Service initially developed the list in order to provide an appendix to the Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS 79/31) to assist in the field identification of wetlands. Plant species that occur in wetlands, as used in the National List, are defined as species that have demonstrated an ability to achieve maturity and reproduce in an environment where all or portions of the soil within the root zone become, periodically or continuously, saturated or inundated during the growing season. The list will facilitate the implementation and management of the wetland regulatory programs of the Federal Government and most State governments.

This list for the North Plains (Region 4) is a subset of the National List.

17. Document Analysis a. Descriptors

Plants
Plant ecology

b. Identifiers/Open-Ended Terms

Wetland plant species
North Plains (Region 4)

c. COSATI Field/Group

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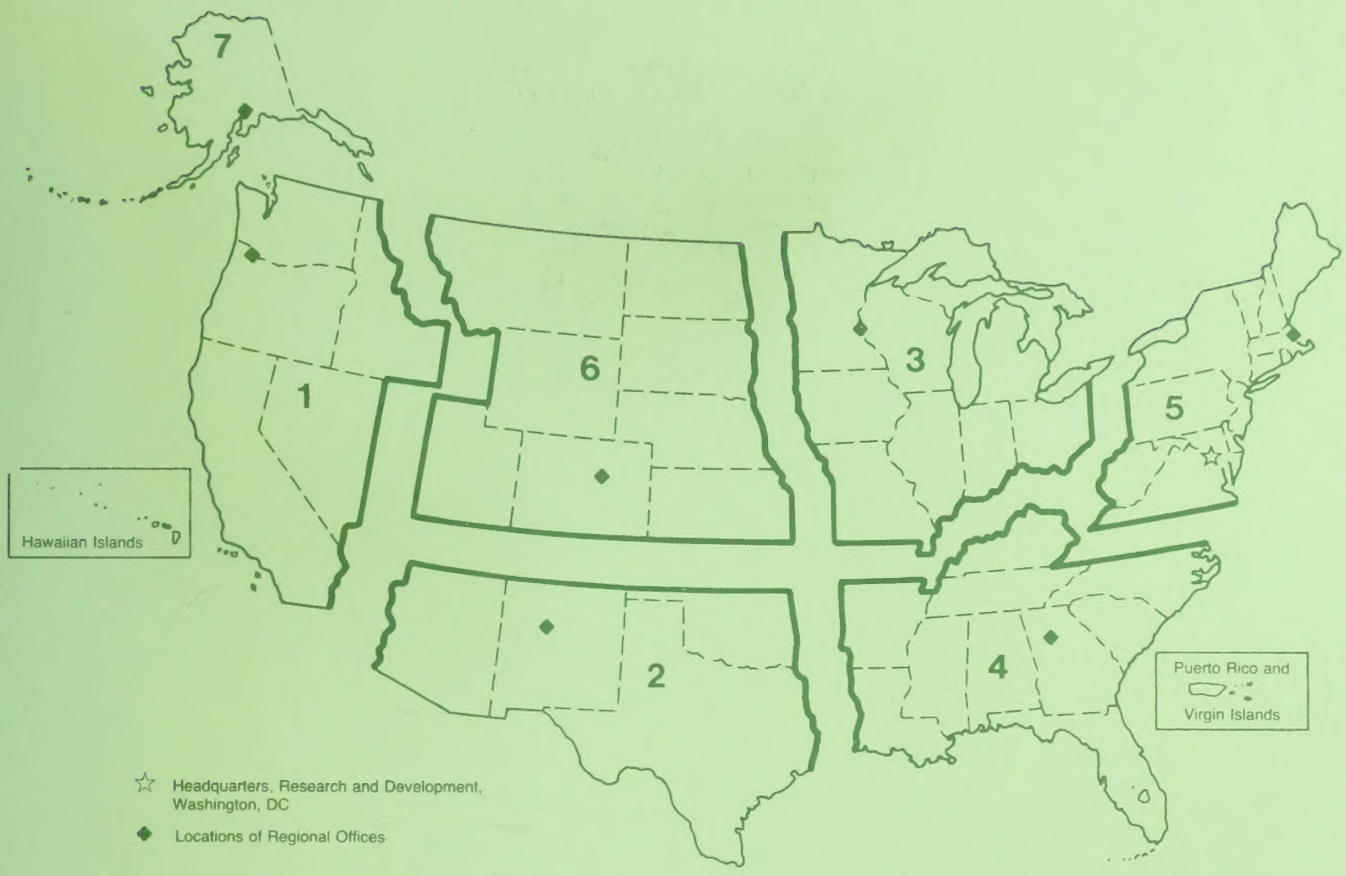

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DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.